

AMERICAN RAILROAD JOURNAL.

STEAM NAVIGATION, COMMERCE, FINANCE,
ENGINEERING, BANKING, MINING, MANUFACTURES.

ESTABLISHED IN 1831.

PUBLISHED WEEKLY BY JOHN H. SCHULTZ, AT NO. 9 SPRUCE ST. NEW YORK, AT FIVE DOLLARS PER ANNUM.

SECOND QUARTO SERIES, VOL. XXXII, No. 39.]

SATURDAY, SEPTEMBER 23, 1876. [WHOLE No. 2,109, Vol. XLIX.]

Mr. FREDERIC ALGAR, No. 8 Clements Lane, Lombard Street, London, England, is the authorized European Agent for the JOURNAL.

PRINCIPAL CONTENTS.

Railroads in the State of New York.....	1205
Advance in the Price of Petroleum.....	1205
Western Union Telegraph Company.....	1206
Northern Railway of Canada.....	1206
The New American Funding Loan.....	1207
West Wisconsin Railroad.....	1207
Naugatuck Railroad.....	1207
Baltimore and Ohio Railroad.....	1208
Canadian Pacific Railway.....	1208
Imports and Exports of the United States.....	1209
Stimulus of Trade by the Exposition.....	1209
Finances of Philadelphia.....	1209
City Passenger R. R. Share and Bond Lists.....	1210
Railroad Earnings.....	1211
Federal and State Securities.....	1212
Railroad Bond and Share Lists.....	1213, 1222
Financial and Commercial Affairs.....	1229
Atlantic, Mississippi and Ohio Railroad.....	1231
Railroad in Montana.....	1231
Texas and Pacific Railway.....	1232
Cotton Manufacture in the South.....	1232
Railroad and Canal Dividend Statement.....	1233

American Railroad Journal.

New York, Saturday, September 23, 1876.

Railroads in the State of New York.

The building of railroads in the United States during the past twenty years has made such rapid progress that the little which has been done within that period in the limits of the great State of New York becomes conspicuous by contrast. Its vast and growing population, its wide and productive territory, its flourishing commerce and manufactures, have not received the aid which the vigorous and intelligent prosecution of a system of lateral railroads would afford. To be sure, the New York Central Railroad has doubled its tracks. That in itself is a great achievement, and causes that road to take rank among the most important in the whole world. But the chief advantage of all this has ensued to the people of the West. The people of the State of New York, and their vast concerns, have derived but little benefit from it, and that incidentally. The Albany and Susquehanna Railroad, which has been constructed

in the past few years, is also a work of much importance; but its principal influence is in the development of the coal interests of Pennsylvania. As in the case of the quadruple tracks of the New York Central Railroad, the advantage to the people of the State in which it lies is merely incidental; and more than this, it is very probable that but for the aid given this enterprise by the Delaware and Hudson Canal Company, its construction could not have been hoped for.

This is a very unsatisfactory aspect of affairs; and it is not relieved by the remembrance of the ill-fortune which overtook the Midland Railroad, as well as the roads which were projected for the purpose of connecting the City of New York with its more immediate neighborhood. These adversities threaten to impose a serious check upon local railroad building in this State, which will require effort to overcome.

It is not a little remarkable that Western New York, a section of the State which is deficient in many of the elements of great wealth—large cities, extensive commerce and flourishing manufactures, being almost wholly an agricultural region—is much better provided with means of transportation than the Eastern and Northern sections of the State; for besides a more complete system of railroads, it has the advantage of a great number of small lakes, as well as lateral canals. That part of the State west of the Hudson River for one hundred and fifty miles or more, is almost as destitute of means of communicating with the outer world, as it was forty years ago. What a marked contrast this affords with many—and indeed most—of the Western States! And what better time for inaugurating an effort to supply the deficiency? A railroad can now be built at half the cost of five years ago. We cannot expect to hold our position among the great States of the Union unless something be done; and in the interest of local development, which is now the chief need of the whole country, we call attention to the matter. The vast region to which we have referred was taxed to build public improvements, whose most conspicuous effect has been to divert population and wealth from it; and if it now receive aid, it will be nothing more than the return of what had already been freely given.

Advance in the Price of Petroleum.

A complete revolution in business affairs appears to have taken place within a very recent period in the oil producing territory of Western Pennsylvania. Instead of the depression, inactivity and failures which have been the order of the day for several years past, evidences of thrift, enterprise and prosperity are apparent on every hand. We have intelligence from the oil region that during the month of August the price of crude oil nearly doubled and some of the most fabulous fortunes were made in a single day. One day there occurred an appreciation of about seventy-five cents per barrel, and one individual operator realized a profit of some \$800,000. The advance in the market and the consequent better feeling which prevails are primarily attributable to the greatly increased demand for consumption, together with not enough increase in the production to offset it. During the month of August there were completed in the whole oil district 268 wells, 41 of which were dry and worthless. The aggregate daily production of these was 3,306 barrels, or an average of about 12 barrels for each well completed. During the same month last year only 66 wells were completed, but the aggregate daily production of these was 1,445 barrels, or an average of about 22 barrels per well. Thus it will be seen that the wells completed this year are only about one-half as large producers as those of 1875. A large percentage of the 268 wells completed are located in the immediate vicinity of other wells, and will diminish their production accordingly.

During August there were 72 wells completed in Butler county, with an aggregate daily yield of 743 barrels; 77 in Clarion county, with a daily yield of 1,318 barrels; 37 in Venango, producing 367 barrels daily; 32 in Warren, producing 276 barrels, and 50 in McKean, with an aggregate daily production of 652 barrels. On the 1st day of September there were drilling in the entire oil region 361 wells, with rigs up in readiness to commence 383 others. Probably 243 of these will be completed during the present month, and it is safe to predict that their average production will not be above ten barrels each.

The daily production of the entire region at

present is 26,500 barrels—an increase of fully 1,300 as compared with July. This is a small increase to be derived from the enormous host of new wells. As exhibiting the increased demand for this illuminant it may be stated that the total shipments from the region of crude oil, or its equivalent in refined, during August, 1876, were 891,921 barrels, and in the corresponding month this year 1,174,209, showing an increase this year of 282,288 barrels. This shows that during August, this year, 87,878 barrels were daily taken from the region. Deducting from this the daily production, 26,500, we find 11,378 barrels have daily been taken from the reserve stock on hand. The total amount of stock in the region is 3,164,384 barrels. Were the shipments and production to continue the same it would require only about 280 days to remove every barrel of stock from the region. The growing consumption will require a huge amount during the rest of the year, and five-dollar oil now seems much nearer than did three dollar a little over a month ago. The present price is \$3.90 at the wells, the market having advanced nearly \$2 during the month. The price this time last year was 95 cents. Producers exhibit characteristic energy in prosecuting developments to the utmost, but even this can hardly prevent the upward march in price of the grand illuminant of the nineteenth century.

Western Union Telegraph Company.

EXECUTIVE OFFICE,

WESTERN UNION TELEGRAPH COMPANY,
NEW YORK, September 13, 1876.

In the report presented by the committee at the last quarterly meeting of the board, held June 7, 1876, the net profits for the quarter ending June 30th (May business being partially and June wholly estimated) were stated at \$860,488.57.

The official returns for the quarter (ending June 30th) showed the profits to be \$871,330.96, or \$10,842.39 in excess of the estimate.

The following revised statement, based upon complete returns, will show the condition of the company at the close of the quarter ended June 30, 1876:

Surplus April 1, 1876, as per last quarterly report.....\$102,402.82
Net profits, quarter ending June 30, 1876, inclusive of dividend on International Ocean Co.'s stock.....871,330.96

From which appropriating:

For dividend of 1½ per cent, paid July 15, 1876.....\$506,920.50

For one quarter's interest on bonded debt, payable Sept. 1, and Nov. 1, 1876.....116,576.90

For one quarter's proportion of sinking fund, payable Feb. 1, April 1 and May 1, 1877.....20,000.00

Leaves a balance of.....\$330,236.38

From which there has been paid:

For Southern and Atlantic Telegraph Co.'s stock.....\$177,104.50

For construction, purchase of sundry stock, patents, etc., January 1 to June 30.....145,068.37

Deducting which, leaves a surplus

July 1, 1876, of.....\$8,063.51

Official returns of the receipts, expenses and profits for the six months ended June 30th, compared with the corresponding period of last year as follows:

	Jan. to June, 1875.	Jan. to June, 1876.
Receipts.....	\$4,621,662.82	\$4,834,897.12
Expenses.....	3,141,546.69	3,174,775.41

Profits.....\$1,480,116.13 \$1,660,121.71

The net profits for the current quarter ending September 30th instant, based upon official returns for July, nearly complete returns for August, and estimating the business for September, will be about.....\$796,592.65
Add surplus July 1st as above.....8,063.51

Makes a total of.....\$804,656.16

From which deducting and setting aside:

One quarter's interest on bonded debt.....\$115,000.00

One quarter's proportion of sinking funds.....20,000.00

Leaves.....\$669,656.16

Less portion of the Sinking fund for the Currency bonds of 1900 set aside previously, now returned to the company by the Union Trust Co., trustees, because the holders of drawn bonds have not presented them for redemption.....28,000.00

Leaves.....\$697,656.16

A dividend of 1½ per cent on the capital stock outstanding requires.....\$506,835.00

Additional Southern and Atlantic stock purchased during the quarter and agreed to be purchased.....32,277.00

Deducting which will leave a surplus of.....\$158,544.16

In view of the preceding statements the committee have adopted the following:

Resolved, That a dividend of one and one half per cent from the net earnings of the three months ending September 30th be, and is hereby declared payable on the 16th day of October next, to stockholders of record at the close of business, on the 20th day of September, instant.

Resolved, That for the purpose of the annual meeting of stockholders, to be held on Wednesday, the 11th day of October next, and of the dividend hereinbefore declared, the stock books of the company be closed at three o'clock on the afternoon of the 20th September, instant, and be reopened on the morning of the 17th of October next.

Whereas, the Union Trust Company, trustees of the Sinking funds provided for the redemption of certain bonds of this company, have, pursuant to the terms of the Deed of Trust, returned to the treasurer of the company the sum of \$28,000, remaining from the monies heretofore paid over to said Union Trust Company for account of the Sinking fund, said sum of \$28,000 representing the par value of bonds which have been drawn for redemption, the holders of which have neglected and declined to surrender them, therefore,

Resolved: That the said sum of \$28,000 be used for the purchase of the company's currency bonds of 1900, and that such bonds so purchased be canceled.

Respectfully submitted,
WILLIAM ORTON, President.

Northern Railway of Canada.

At the regular half yearly meeting of the Canadian shareholders of the Northern Railway Company, held at Toronto on the 16th ult., the directors presented their report for the half-year ending June 30, 1876, from which we learn that the gross traffic receipts from all sources amounted to \$388,679.90 (£79,865 14s. 7d. sterling), as against \$354,994.12 (£72,943 19s. 11d. sterling), for the corresponding period of 1875, showing an increase of \$33,685.78 (£6,821 14s. 8d. sterling), or at the rate of 0.10 per cent.

The working expenses of the half year amounted to \$232,349.82 (£47,743 2s. 3d. sterling), as against \$234,272.25 (£48,138 2s. 8d. sterling), in 1875; being a decrease of \$1,922.43 (£395 0s. 9d. sterling), and showing a rate of working expenses to income of 59.77 per cent. in 1876, against 65.99 per cent. in 1875, or a decrease of 6.22 per cent. in favor of 1876.

The net revenue for the half-year (being the sum of the gross earnings less the aggregate working expenses) amounted to \$156,330.08 (£32,122 12s. 4d. sterling), which, with the balance brought forward from 1875 (\$1,100.30) gives \$157,430.38 (£32,343 14s. 1d. sterling) to be carried to "Net Revenue Account, No. 2;" as against \$127,876.06 (£26,275 18s. 0d. sterling) in the corresponding account of 1875, being an increase over 1875 of \$29,554.32 (£6,072 16s. 1d. sterling), or at the rate of 8.12 per cent. in favor of 1876.

The interest upon all classes of the company's debentures, whether "Northern" or "Northern Extensions," has been duly paid. The sum of \$21,973.64 (£4,515 2s. 7d. sterling) has been expended on new works, buildings, and equipments, etc., and after providing by profit and loss account for depreciation of stores, etc., the sum of \$12,109.67 (£2,488 5s. 9d. sterling) has been carried forward to the credit of the next half year. The President in his report says:

So substantial an increase in the gross earnings would seem to indicate that even in a period of depression, and with all the disadvantages of a broken and isolated gauge, the traffic of this railway may be upheld and extended; and it is peculiarly satisfactory to find that this advance of income has not been confined to any one branch of the business, but has occurred in every separate class of local traffic, whether passenger, freight, storage, or other item of receipts. The growth of traffic on the Extension lines recently amalgamated has been greatly promoted by the opening of the final division to Gravenhurst, and shows that the working of the additional fourteen miles has been followed by an advance of earnings at the rate of 39.22 per cent. in comparison with the corresponding period of 1875, when this last was still incomplete. The value of these extensions to the parent line is further shown by the record that during the six months now reported, they have contributed traffic to the main line to the aggregate amount of \$45,251.04.

The works necessary to the completion of the Gravenhurst division, which were suspended by the approach of last winter, have since been executed, only a very small amount of ballasting remaining to be finished during the current month. The wharves and station buildings at the Muskoka terminus have been completed, and the system is now in efficient and sole connection with the great Lake District of that Territory.

At the last general annual meeting of the company, held at Toronto on the 22d March, 1876, and made "special" for the purpose of giving effect to certain provisions of the company's Acts, the proprietors gave authority for the issue of "six per

cent, preference stock," to an ultimate amount of £400,000 sterling, at such times and in such sums as to the directors may seem fit. The ruling objects of that issue are (1) the raising of the necessary funds for liquidating the lien of the Dominion at a computed rate of £100,000 sterling. (2) For providing the balance of capital necessary for acquiring the Extension lines under the Deed of Amalgamation, and (3) to meet the expenses of changing the gauge of the whole system. By the Act 38 Vic., Cap. 23, the period within which it was competent to the company to extinguish the lien was limited to the 1st July, 1876; and the directors would have complied with that provision, but that the time seemed to be inopportune for placing any issue of stock upon the English market on sufficiently favorable terms. They preferred, therefore, to appeal to the Government for an extension of the time, and thereupon an Act was passed at the last session of the Dominion Legislature, under which the privilege has been accorded to the company of making the necessary payment at any time before the 1st November next ensuing. Your directors have, however, to report the recent appointment, by the Government of the Dominion, of a commission to inquire into the expenditure of the company as affecting the value of the Government Lien. Your directors recommend that no obstruction be placed in the way of the commission, yet express their regret that anything that might even temporarily disturb the financial credit of the company, at home or abroad, should have occurred, especially at a moment when the company, acting under legislative provision, was already engaged in measures for the liquidation of the lien. The directors are of opinion that early and final steps should be taken for availing of that privilege with punctuality, and for relieving the undertaking of the incubus of a mortgage by which its freedom and development are greatly hindered, and they think that it would be unfortunate, and detrimental to all the interests connected with the undertaking, if any obstacle should interfere to prevent the removal of the lien by payment within the prescribed date. The credit of the railway, after eighteen years of unchecked progress, is now well established, and its resources are recognized as sufficient to meet the demand of the situation, and to secure on reasonable terms the capital required for the purposes contemplated; but it will be for the proprietors of the company to say whether these purposes are so clearly consistent with their interests, and with those of the communities we serve, as to command the unanimous action necessary to success.

From the London Spectator.

The New American Funding Loan.

The chief financial event of the present week has been the publication of the prospectus of the new American funding loan. At an issue-price fractionally over par this form of security will, beyond any doubt, find much favor with the British investing public, who are already largely interested in the Government bonds of the United States. But the new funding loan has more than a money market importance. It bears testimony to a remarkable advance in the financial policy of the Union, and with the maintenance of that policy the highest political interests are bound up. Only ten years ago the opinion of the shrewdest European financiers was that the United States, when the excitement of the war had spent itself, and the pressure of taxation only was felt, would be impatient under an unaccustomed burden, and would incline to rid themselves of it, or at least to lighten it at the expense of others on the first available opportunity. Never was there a miscalculation of motives more unjust, and at the same time more consistent with ordinary experience. The truth is that the European financier wholly misapprehended the view of the national debt that

was taken by the mass of the American people. The American view was simply this—we almost quote the words in which an eminent American citizen once expressed his individual conviction:

"We are as impatient of this debt as your European peoples are of taxation. From our childhood we have been taught to believe that a heavy national debt is an oppression, a monarchical, a European institution, and we cannot bear to contemplate it as a permanent imposition upon American society. It is contrary to our political ideal, and we intend to pay it off, however hard the task may be. We feel it as a private gentleman feels a crushing mortgage on his estate."

In this spirit the Americans and their Government faced the difficulty of the debt ten years ago. Its magnitude and the rapidity with which it had been piled up might have appalled the most stout-hearted of financiers. In 1860, when the national balance-sheet was made up, the whole of the Federal liabilities were stated to be about £12,950,000; two years later, after fifteen months of war, the debt had been multiplied more than eight-fold, and stood at \$514,000,000, or £103,000,000. The average annual addition to the debt during each of the four years following was close upon £120,000,000; and in 1866 the total burden was not less than \$2,783,425,879, or nearly £580,000,000 sterling. The greater part of this immense debt bore interest at 6 per cent, and its actual pressure was therefore considerably heavier than that of our own indebtedness, though the nominal capital was about one-fourth less.

The Americans, however, were not going to submit, as we have said, to such a permanent imposition upon their national energies. During the first three years succeeding 1866, when the policy of paying off the six per cent bonds was initiated, the average yearly diminution of the burden was over £26,800,000, and in July, 1869, the aggregate debt was a little under £500,000,000. In the following six years the rate of reduction slackened, the average amount paid off yearly being from £5,000,000 to £6,000,000. Toward the close of last year the debt was computed to be something over four hundred and fifty million pounds, showing a gross reduction since 1866 of about one hundred and forty millions sterling, or £14,000,000 a year. And this reduction is seen to be a much more considerable effort than at first appears, when we look at the section of the debt with which only it was concerned. Of the whole of the American debt, as it is generally stated, the notes and other secondary obligations make up about one-quarter in nominal amount, and upon these neither the policy of repayment nor that of refunding has worked. The debt, of which the interest is payable in coin, is the mass at which the Washington Treasury has unflinchingly and doggedly quarried away, and with the most notable results. After 1869 the debt bearing interest was £520,000,000, and now about £385,000,000, of which over £180,000,000 are six per cents, and the rest five per cents. At the close of the war almost the whole of the interest-bearing debt consisted of six per cents, and it was not until 1870, when the character of the American Government for honesty had been established by its large repayments and its exactitude in meeting current obligations, that refunding began to be thought of as a practicable measure.

At that time, however, it seemed certain that the securities of the United States could be placed upon the European markets at or above par, and that, by a judicious financial policy, these bonds might be substituted, within a reasonable time, for such of the five-twenties as would not be paid off. Legislative power was given to the Treasury to issue £100,000,000 of five per cent bonds, payable at the pleasure of the United States Government after 1881; £60,000,000 of four and a half per cent bonds, payable after 1886, and £140,000,000 of four per cent bonds, payable after 1901. The first issue under this legislation is well known to all the European money-markets as the American funded loan, and its five per cent bonds have lately attained a very high price. Some ten months ago the Secretary of the Treasury disposed of the

last portion of the authorized five per cent issue, calling in an equivalent amount of six per cent five-twenty bonds. The five per cent loans now established themselves as one of the soundest of investments, and the Washington Treasury Department was lately advised by the highest financial authorities in the United States that the issue of four and a half per cents might be profitably undertaken in the present state of the money market. Accordingly, arrangements were made with a "syndicate" of financial firms for placing the new loan in Europe, and subscriptions have been invited at 103½, the price at which the five per cent bonds were currently quoted in Europe less than a year ago. There is little doubt that the whole of this issue of bonds will be speedily taken up, and will replace about one-third of the unredeemed five-twenties. The credit of the Union will then be near the point at which the remainder of the "five-twenties" will be refunded in four per cent bonds. This is a magnificent result of persistence in a fixed purpose, for American finance has been wretchedly unscientific, and its only quality which deserved, as it has won, success, was the dogged perseverance with which people and Treasury alike insisted that a national debt should not be a permanent institution.

West Wisconsin Railroad.

The annual meeting of the stockholders of the West Wisconsin Railroad Company, held at Hudson, Wis., on the 6th inst., resulted in the reorganization of the company upon the following basis: Interest on first mortgage bonds up to July 1, 1876, is to be funded; the second mortgage bond to be canceled, and the floating debt to be paid in preferred stock. On this basis first mortgage bondholders surrendered the management of the road to the company. The following directors and officers were elected: H. H. Porter, J. H. Howe, P. Sawyer, W. H. Ferry, David Dows, R. P. Flower, H. Thompson, N. W. Kittson, J. Comstock, M. Hugbitt, J. C. Spooner, E. W. Winter, Geo. Caplin, Henry Seibert and T. Dreire, President, H. H. Porter; Vice President, J. H. Howe; Treasurer, R. P. Flower; Secretary, H. H. Weakley.

Naugatuck Railroad.

We are pleased to learn from E. F. Bishop, Esq., President of the Naugatuck Railroad Company, that the entire bonded indebtedness of the company has been called in, paid off and duly canceled. The entire capital account now stands at 19,184 shares of stock of \$100 each, or \$1,918,400, issued; and 816 shares, or \$81,600, unissued and remaining in the Treasury of the company—making in all stock of 20,000 shares, or \$2,000,000. There is also cash on hand in the Treasury more than sufficient to meet all the obligations of the company now existing.

A certificate of incorporation of the Cincinnati, Ohio River and Virginia Railroad Company, capital stock \$1,000,000, was filed with the Secretary of State of Ohio on the 12th inst. by Joseph Kinney and others. The road is to run from Cincinnati to a point in Lawrence county, opposite Huntington, West Virginia, passing through the counties of Hamilton, Clermont, Brown, Adams, Scioto and Lawrence, in Ohio.

The stock books of the Harrisburg and Potomac Railroad Company, which was incorporated a few weeks ago to enable it to connect with the Western Maryland Railroad near Smithsburg, will be opened for subscriptions at Hagerstown, Md., on the 9th of October next.

From the Baltimore Sun.
Baltimore and Ohio Railroad.

At a meeting of the board of directors of the Baltimore and Ohio Company, held at Camden Station, on the 18th instant, President Garrett stated that notwithstanding the extremely low rates at which a portion of the business of the company had been done the revenue for the month of August shows \$1,259,143.13, against the revenue for the same month of the preceding year of \$1,216,121.70, being an increase of \$43,021.43. Whilst a portion of this business has been done at unremunerative rates, it has been deemed, under the general policy of this company, judicious to maintain the business of Baltimore in the competition that has been forced upon it, and thus to continue the employment of our people as fully as practicable. The company has effected all proper economies as was deemed for the interest of all, so that it will have the satisfaction, he judged, from a careful examination of the accounts up to this time, of not only making the regular semi-annual dividend of five per cent., but of adding a large sum to the surplus fund at the close of the fiscal year.

These results are exceedingly interesting and important at this time, when this company is so much the object of sympathy on the part of parties in New York, who feel that it is being practically ruined by the competition brought about by the New York Central Railroad Company. It is remarkable in this, which is known as a "great railroad war," that up to this period not one word of correspondence or intercourse on the subject has taken place between the New York Central and the Baltimore and Ohio authorities. The New York Central Company decided to make very low rates, the theory being, as stated by the New York Press, that that company determined that the charges for freight, &c., shall be the same between New York and the Western centres of trade as between Baltimore and those cities, regardless of the great differences in the respective distances. Does it not seem that water can be as easily made to run up hill, by natural law, as that the laws of trade and of all experience can be thus ignored? If this is the proper principle for freight it must, of course, be equally correct with passengers. Thus, if the rate for passengers from Cincinnati to New York should be \$15, and the Baltimore and Ohio company should undertake to charge the same rate to Baltimore, what would be the consequence in a comparison with the New York Central road? The city of Cincinnati being three hundred miles further from New York by that route than from Baltimore by the Baltimore and Ohio road, every passenger for Baltimore would buy a New York ticket, and when he reached Baltimore he would sell his right to travel from Baltimore to New York for about the price of a ticket between Baltimore and New York—say for \$5 or \$6—and thus, instead of breaking up the business of Baltimore this premium would really be given to the traveler to stop at Baltimore and make his purchases there and shipments thence.

If that system is to prevail in the rates of transportation of freight, what will be its practical working? The New York Central and Hudson River Company states that it has a road with less grades and less curves, and that it has 222 miles of its 442 miles between New York and Buffalo with four tracks; but it overlooks the fact that on the Baltimore and Ohio line for three hundred miles coal literally crops out immediately on our roads, and thus this company has in the comparative economy of fuel alone a difference which more than compensates for the difference in grades and curves and the limited portion of extra tracks. The Baltimore and Ohio Company has also double tracks and third and fourth tracks where needed for facilitating its business, and terminal facilities and arrangements for shipping grain and every description of traffic much more economical and much superior to those of the New York Central Company. Unless, therefore, that

company can carry freight between Albany and Buffalo for nothing for the 300 miles between these cities, is not its alleged position simply absurd? Statements have repeatedly appeared in a portion of the New York press in regard to the comparative gain of New York in the corn trade by the competition thus brought about. It is important to examine these results as affecting Baltimore. For the crop year ended 31st August the particulars are published of the shipment from Baltimore of 570 cargoes by steamships and sailing vessels to all parts of the world to which corn is exported from the United States, carrying an aggregate of 17,329,950 bushels, and the trade statistics of New York show that during the same period the whole of the corn shipped from New York was but 13,852,413 bushels. This is certainly marvelous, in view of the alleged New York enthusiasm about this so called "war."

It is claimed there has been a large gain in shipments to New York by the New York Central railroad, but what does this practically mean? Has the New York Central road thus aided the commerce of New York? Is its action not really an attack upon the trade of New York? Has it not, through its policy, lessened the aggregate commerce of New York? Is not its attack, when the case is analyzed, really upon the New York and Erie canal and not upon the Baltimore and Ohio and other roads? Has it not reduced its rates to such a point that the Baltimore and Ohio and Pennsylvania Companies are now not merely competing for that which was formerly railroad traffic, but for that which was canal traffic, and is not the result that Baltimore has received not only as much corn as New York has received by the New York Central road, but more than the New York and Erie canal and the New York Central railroad combined have brought to the city of New York?

It may be further observed that the New York Central Company has worked at extremely low and unremunerative rates to Boston as well as to New York. The statistics of the corn trade show, during the crop year, the export from Boston of 3,107,881 bushels, so that the export from these two cities, New York and Boston, whose trade has thus been fostered by the New York Central, aggregates 16,460,294 bushels, whilst that of Baltimore, having been 17,329,950, shows an excess of 869,656 bushels beyond the combined quantities of the shipments of corn from New York and Boston. Is not this startling when compared with the delusive statements which have appeared in New York? Has not the strength given by the economies of shipment and the geographical advantages of the city of Baltimore, and the strength of the Baltimore and Ohio railroad been strongly demonstrated by the state of things which they did not originate, and which they do not wish continued, of charging unremunerative rates for the transportation of corn from the West to the seaboard?

The fact is Baltimore has an impregnable position. It is 200 miles south of New York, and its lines, on its own parallel, reach into this corn growing region, and this corn must get to the parallel of New York before the New York Central road can obtain it for transportation. Our lines being thus located, have naturally attracted this corn, and thus our trade has been built up upon a system which injures other interests, but which can neither crush nor damage the business of Baltimore. This company has spared no pains to meet the present attitude of competing lines, by careful attention to every economy of detail and judicious management, and by protecting and promoting the trade of Baltimore. It has also continued the employment of as large forces as practicable. As the Baltimore and Ohio Company has invested thirty-four millions of its net earnings in its branch and connecting lines, and has maintained this as a surplus fund, not represented either by stocks or bonds, it is enabled readily, under even such competition, to pay its usual half-yearly dividends of five per cent. on its capital stock of \$13,000,000, which is so small as to appear almost insignificant when compared with

the grand and enormous figures of the New York Central and other great lines.

The conservative system so long pursued by this company, reversing and sharply contrasting with that of many other lines which have made large stock dividends, give it an exceptional strength to meet all emergencies that may arise. The strange feature in regard to the present reckless low rates is that the Baltimore and Ohio and other great lines are having pressed upon them much more grain and other traffic than they can promptly transport. It is unfortunate for the country, and especially for those connecting roads, that all the Eastern as well as the Western connections of the New York Central road, and of all the trunk lines, are made to suffer severe losses by the unremunerative rates which have been forced upon them by the New York Central and Hudson River railroads.

Whilst the Baltimore and Ohio Company will doubtless continue to pursue the course it has adopted in protecting its trade and interests, it recognizes that the entire railway system of the United States and the business of the whole country will be benefited when the weaker as well as the stronger roads will have it in their power to establish tariffs just to the public, reasonable, and which will afford proper net earnings to pay the interest on the immense capital invested in these necessary and most important works.

After the remarks of President Garrett the board expressed its entire satisfaction with the policy pursued and the results obtained, and unanimously adopted a resolution of approval, with instructions to maintain the policy heretofore acted upon.

The First Grand Link of the Canadian Pacific Railway.

The Canadian Pacific Railway, when built, will be found to consist of a series of important links, each with a certain completeness in itself. The most important of these, designed immediately to connect the waters of Lake Superior with those of Lake Winnipeg, is, to a large extent, now under contract. This link will commence at Thunder Bay, in the east, and terminate at a point in Manitoba, on the Red River, in the west. Its length will be four hundred and thirteen miles. Two hundred and twenty-seven miles of it are under contract, part at one end and part at the other. It is calculated that by the 1st of June next year the portion connecting Thunder Bay on Lake Superior with the Lake of a Thousand Lakes will be ready for operation. This latter lake is on the height of land separating the waters which flow eastward from those which run westward, and from it there is a long stretch of navigation by lake and river toward Manitoba. If this calculation prove correct, access to the Prairie Provinces across Canadian territory, from the east, will be easy next summer, and a considerable flow of immigration may be expected along the improved route. Thereafter the settlement and development of the North West will probably go on at a rapid rate, and the fertile belt will speedily become the home of hundreds of thousands of energetic settlers.

It is as gratifying as it is surprising that the tract of country lying between Lakes Superior and Winnipeg should be turning out so much more valuable in every way than was thought possible by well informed people a few years ago. At that time this region lying far north between the great lakes the one which sent its surplus waster to the ocean, via the St. Lawrence, and the other poured its floods into the sea in Hudson's Bay, was generally regarded as a howling, desolate, irreclaimable, worthless wilderness, through which a railway could be built only at a cost that might well seem fabulously large. How different the real facts. There is in this tract, it is true, much soilless rock, wide barrens and swamps, a considerable extent of thin soil swept off its forests by fire, and countless lakes, large and little. But it also contains a considerable quantity of excellent land, lying along a route that ensures for its cultivated products a certain and remunerative

sale. Its rocks are wonderfully rich in minerals, and here and there within its boundaries are found valuable forests—the products of which will be in great demand along the banks of the Assiniboine and the Saskatchewan and some of its tributaries.

And then, there has actually been traced across it a railway route, much of which is comparatively easy, and none of which offers anything that can be considered, in an engineering point of view, an insuperable or even a very serious difficulty.

Also, it has now become apparent that this Thunder Bay-Red River link will be in some respects the most important of the whole line. During the season of navigation it will connect two great lake and river systems. From and to Thunder Bay steamers of large size will ply in ever increasing numbers; and, practically, that Bay will become an Ocean port, far as it lies from the salt sea. On the other hand, the Western end of this railway link, resting on the East Bank of the Red River, will be the starting point of a system of inland navigation by river and lake of possibly even thousands of miles in extent. Along those rivers and around those lakes lie millions upon millions of fertile acres, which will some day be clothed with the most bountiful harvests; and the surplus products of those lands will be borne eastward over the railway link referred to. Men now living well on in years may live long enough to witness wonderful developments in connection with that stretch of railway from one vast lake system to another.—*St. John News.*

*From the Pittsburgh (Penn.) Gazette—
A Rarely Beautiful Display.*

Upon entering the Exposition Hall through the main doorway the stand which will perhaps first arrest attention, is that of Messrs. Paine, Ablett, & Co. It is located in the main aisle, about one hundred feet from the entrance and directly in front of the large fountain. The firm have fitted up their space with rare taste, and they well merit the eulogiums universally passed upon their display. Upon a low platform which is enclosed by a rope railing and neatly carpeted, are ranged four barrels of oil representing some of the best brands which they manufacture. Resting on these barrels and forming a base floor, is a large, heavy French plate glass mirror; above resting on glass supports with intervening spaces of about a foot each, are two shelves of plain heavy glass. Upon the shelves and the mirror arranged in artistic order are specimens, in cut glass bottles, of over forty varieties of animal, vegetable and mineral oils, each being ticketed to show the visitor the brand. The display, especially when illuminated at night, is exceedingly brilliant, the reflection from the mirror below and the different colored oils, forming a picture of kaleidoscopic beauty.

Messrs. Paine, Ablett & Co. exhibit examples of all their manufactures, but that which will attract special attention are first the No. 1 Wool oil which is known in almost every state from Maine to California. This oil is used in more mills than any other wool oil in the country, and the demand is so great that the firm are now enlarging their works at Smith's Ferry, to enable them to keep pace with their orders. They have a branch store in Boston to supply the New England trade.

The second specialty is the Cylinder Diadem oil which is used on all the cylinders in the exposition. This is the oil for which the firm was awarded the silver medal last year. The firm also furnished for all the other machinery in the building their Crown Engine Oil—no other being in use. Their White Light Olenia can also be seen among the specimens, and they are burning at night their Mineral Lard oil—a specialty with them which will stand a fire test of 300 and yet give as bright a light as any other oil. This oil is especially adapted for use on steamboats and in factories where safety and a brilliant light are desired. The collection also embraces some curiosities, such as

a sample of Smith's Ferry oil, fifteen years old—probably the most venerable sample of oil in the country; also specimens of California crude and refined oils. In addition to the olaginous display the firm also exhibit their popular and much sought after brands of Paraffine wax and candles, which are sold in all parts of the country and are noted for their purity and strength.

Messrs. Paine, Ablett & Co. are among our leading oil manufacturers, and enjoy a very large trade. Their manufactures are all No. 1, and they always treat patrons fairly, giving the best for the money and guaranteeing every article to be exactly as represented. Their office and warehouse is at Nos. 23 and 25 Seventh street, Pittsburgh, and those who need anything in their line will find their headquarters the best place at which to deal.

Imports and Exports of the United States.

The following is a comparative statement of the imports and exports of the United States for the fiscal years ending June 30, 1875 and 1876:

IMPORTS.		1875.	1876.
Total dutiable.....	\$386,725,509	\$320,879,277	
Total free of duty.....	167,180,614	156,298,594	
Total imports.....	\$553,906,153	\$476,677,871	
Entered for immediate consumption.....	\$393,371,697	\$338,987,753	
Entered for warehouse.....	152,562,872	128,567,078	
Entered for immediate transportation to interior ports without appraisement.....	7,971,584	9,122,140	
Brought in cars and other land vehicles..	13,083,859	12,148,675	
Brought in Am. vessels	157,872,716	143,389,696	
Brought in foreign vessels.....	382,949,568	321,189,500	
DOMESTIC EXPORTS.			
Shipped in cars and other land vehicles..	\$4,642,392	\$4,390,825	
Shipped in Am. vessels	145,063,449	160,582,954	
Shipped in foreign vessels.....	493,388,926	480,002,627	
Grand totals.....	\$643,094,767	\$644,956,406	
Total amount of mds. (mixed values).....	\$559,237,638	\$594,917,715	
Total amount of specie and bullion.....	88,857,129	50,038,691	
Gold value of merchandise.....	499,294,100	525,582,247	
FOREIGN EXPORTS.			
Total dutiable.....	\$10,204,121	\$10,776,215	
Total free of duty....	12,229,503	10,498,820	
Total.....	\$22,433,624	\$21,270,035	
From warehouse.....	\$9,678,095	\$10,211,633	
Not from warehouse..	12,755,529	11,058,402	
Shipped in cars and other land vehicles..	2,661,984	1,983,662	
Shipped in American vessels.....	11,321,617	7,123,513	
Shipped in foreign vessels.....	8,450,028	12,212,860	
The total value of goods remaining in warehouse June 30, 1875, was \$56,707,002; do. June 30, 1876, \$48,123,605.			

The stockholders of the Pittsburgh, Cincinnati and St. Louis Railway Company have ratified the contract providing among other things for extending a certain degree of aid to the Ohio Central Railway company. The contract provides for the use of portions of the track of roads now controlled by the Pittsburgh, Cincinnati and St. Louis road, in the completion of the Ohio Central and for the mutual benefit of both roads, in the end as to outlets for freights, etc.

Stimulus of Trade by the Exposition.

An increase of business, actual and prospective, consequent upon the display of articles at the Centennial Exposition is the subject of a letter of the Philadelphia correspondent of the Boston Journal. The writer says:

Philadelphia journals constantly give instances of improvement in trade here, due to the "great show," and their editors think that permanent relations such as have never existed before will be established between this and foreign countries before the close of November. The principal American exhibitors in Machinery Hall certainly have no occasion to be discontented with their sojourn here. A well known New England firm of Scale Manufacturers has secured a very large additional trade with South America, and is creating important relations with Australia as the result of the superb exhibit which they sent to Philadelphia. This same firm was represented at Vienna, and say that the channels of trade which are the outgrowth of their exhibit there are increasing daily. A prominent manufacturer of Locomotives in Dunkirk, N. Y., who is an exhibitor here, announces that he has received numerous orders from foreign countries since the Exhibition opened. Some of the Sewing Machine companies have had their business increased as much as one half by receiving foreign orders since the 10th of May. In the Hydraulic Department the exhibitors are also happy, because orders come to them from Europe, South America, and even Africa, for Pumps. Our Steam Fire Engines are also much in demand among foreign nations, and so are the Drilling Machines, which are such a magnificent feature of the display in Machinery Hall. With regard to Agricultural Implements I cannot speak so positively, but I believe that there have been several large foreign shipments, which may be ascribed directly to the Exhibition's influence.

Finances of Philadelphia.

The Annual Message of the Mayor was presented to the City Councils on the 18th inst. From this we learn that the receipts for the past year, including balance on hand, amounted to \$15,774,325.83, and the expenditures were \$13,446,451.73, leaving a balance of \$2,327,873.60. The addition to the funded debt during the year was \$253,559.30, making a total of \$56,825,691.70; the floating debt is \$8,691,432.47; guaranteed debt \$5,899,400—making a total of \$69,715,524.17. The available assets, consisting of investments in the sinking fund, cash on hand, and outstanding taxes, amount to \$20,032,050.22, leaving indebtedness in excess of available assets of \$49,684,473.95. The property owned by the city is estimated at \$60,268,240.19, showing an excess over total debt of \$10,583,766.24. The basis of taxation of city property for 1876 is \$595,418,378, an increase of \$20,129,410 over the assessments of 1875.

Direct Route to Fort Yuma.

It is now rumored that Colonel Thomas A. Scott intends to have a survey made, and establish, if possible, a direct route from San Diego to Fort Yuma. A former survey was through San Geronimo Pass. But the Southern Pacific Railroad having been built through that pass, we suppose Colonel Scott does not relish the idea of running a road some 150 miles alongside of it. Of course, if it is practicable, there is every reason in favor of the Texas Pacific's seeking the shortest route to San Diego.—*Santa Monica (Cal.) Outlook.*

The grading of the Oakland and Santa Railroad is progressing moderately, having passed the line of Alameda county, in which Oakland is situated, into Contra Costa county, in the direction of Santa, in San Joaquin County.

CITY PASSENGER RAILROAD SHARE AND BOND LIST

CITY PASSENGER RAILROAD SHARE LIST

Year ending	Length track equi. single	Horses and Drums.	Car.	COMPANIES	Cost of Road and Equipment	Share Capital	Indebtedness	Earnings	Dividend	Value of Shares
						Bonded Debt	Fixed Debt	Gross Net	Per Cent	Per Cent
Sept. 30, '75	11.00	163	45	Albany..... N.Y.	221,500	200,000	79,500	131,000	38,717	100
Sept. 30, '75	1.00			Albany at Freight (B'ton) Mass.	40,258	75,000		1,990	158	100
Sept. 30, '75	25.00	491	98	Atlantic Avenue (Bklyn) N.Y.	1,281,912	660,200	400,000	378,017	126,869	100
Dec. 31, '75	9.31	704	106	Baltimore City (Balt.) Md.	1,000,000	1,000,000		616,538	221,900	100
Sept. 30, '75	22.00	399	43	Bleeker st. & F.P. (N.Y.C.) N.Y.	1,801,795	900,000	697,000	246,785	61,992	100
Sept. 30, '75	5.32			Boston and Chelsea..... Mass.	110,000	110,000		8,900	7,099	100
Sept. 30, '75	13.89	310	60	Broadway (Brooklyn)..... N.Y.	473,576	200,000	210,000	224,498	63,516	100
Sept. 30, '75	16.25	1407	147	B'way & 7th Av. (N.Y.C.) N.Y.	3,907,099	2,100,000	1,500,000	1,048,092	238,261	100
Sept. 30, '75	8.25	9 D.	32	Brooklyn, Bath & Coney I.N.Y.	286,105	80,000		47,051	Loss.	100
Sept. 30, '75	89.00	1073	441	Brooklyn City..... N.Y.	2,469,056	2,000,000	300,000	1,469,316	321,341	100
Sept. 30, '75	22.50	297	72	Brooklyn City & Newtown N.Y.	579,359	400,000	58,710	196,743	60,968	100
Sept. 30, '75	19.93	231	67	Brooklyn, Cross-Town..... N.Y.	719,836	300,000	2,336	178,983	37,249	100
Sept. 30, '75	17.85	111	28	Brooklyn East Side..... N.Y.	414,238	28,000	239,000	62,332	9,991	100
Sept. 30, '75	17.62	411	71	Buffalo street (Brooklyn) N.Y.	648,928	100,000	568,939	211,008	33,422	100
Sept. 30, '75	11.00	134	32	Bushwick (Brooklyn)..... N.Y.	499,604	300,000	1,580	176,149	107,374	100
Sept. 30, '75	30.30			Cambridge (Boston)..... Mass.	824,300	250,000		77,187	77,187	100
Sept. 30, '75	4.92	149	30	Central Cross-Town N.Y. City	847,046	600,000	240,000	74,979	Deficit	100
Sept. 30, '75	24.00	1108	131	Cent. P. N. & E.R. (N.Y.C.) N.Y.	4,076,700	1,676,700	1,200,000	772,315	108,266	100
Sept. 30, '75	6.00	175	28	Christopher & Tenth st. N.Y.C.	768,500	650,000	68,500	93,112	5,617	100
Oct. 31, '75	9.80	842	49	Citizens (Phila.)..... Pa.	223,497	192,750		359,714	106,982	100
Oct. 31, '75	9.81	237	41	Citizens' (Pittsburg)..... Pa.	179,870	184,000	50,000	207,918	41,817	100
Sept. 30, '75	15.03	248	28	Coney Island & Brooklyn N.Y.	716,759	600,000	307,000	207,290	37,793	100
Sept. 30, '75	11.25	876	131	Dry Dock, E.B. & B. (N.Y.C.) N.Y.	1,191,213	1,000,000	1,005,000	937,476	322,356	100
Oct. 31, '75	10.31	1075	112	Elizabet Avenue (N.Y. City) N.Y.	1,823,076	1,000,000	203,000	539,786	136,410	100
Dec. 31, '75	7.09	92	18	Elizabeth and Newark..... N.Y.	276,920	232,725		44,195	46,833	100
Oct. 31, '75	6.67	32	20	Federal St. & P. Val. (Pbg.) Pa.	158,719	100,000	75,000	72,901	8,639	100
Sept. 30, '75	10.26	453	64	42d st. & Gr'd st. P. (N.Y.C.) N.Y.	1,054,679	748,000	238,000	49,022	58,907	100
Oct. 31, '75	2.58	602	71	Frankford & Southwark (Ph.) Pa.	987,902	600,000	211,500	492,716	98,104	100
Oct. 31, '75	34.91	462	78	Germantown (Phila.)..... Pa.	772,305	539,514	106,500	471,319	108,017	100
Sept. 30, '75	4.77	153	27	Gr'd st. & Newtown (Bk'n) N.Y.	321,840	170,000	90,000	95,238	24,405	100
Sept. 30, '75	3.50	172	41	Gr'd St. Prosp. P. & Flatb. N.Y.	480,590	200,000	200,000	102,427	77,578	100
Oct. 31, '75	7.94	241	43	Green and Coates st. (Phila.) Pa.	262,912	150,000	100,000	211,719	61,322	100
Sept. 30, '75	11.06	139	26	Harim. Br. Morr. & F'dham N.Y.	287,502	299,100	146,000	97,968	5,834	100
Sept. 30, '75	11.85	321	66	Hous. W. st. & Pavonia P. N.Y.	717,250	238,750	478,500	238,493	50,400	100
Oct. 31, '75	17.22	471	75	Heat, Mant. & F'mount (Ph.) Pa.	402,727	300,000	125,000	359,918	83,105	100
Sept. 30, '75	6.50	294	38	Highland (Boston)..... Mass.	450,093	220,000	120,000	227,438	41,250	100
Sept. 30, '75	10.75	68	22	Jamaica, Woodh'n & Bklyn N.Y.	100,000	100,000		23,019	594	100
Oct. 31, '75	5.09	132	22	Lombard and South st. (Ph.) Pa.	179,807	125,000	62,500	109,892	21,309	100
Sept. 30, '75	7.50	7	4	Long Island City Shore..... N.Y.	165,000	75,000	90,000	20,761	8,837	100
Sept. 30, '75	5.00	30	12	Lowell Horse..... Mass.	100,669	93,100		33,927	4	100
Sept. 30, '75	12.79	252	37	Lynn and Boston..... Mass.	291,296	200,000	50,000	51,017	166,498	100
Sept. 30, '75	3.60			Malden and Melrose..... Mass.	60,246	165,500	15,000			100
Sept. 30, '75	5.21	90	15	Merrimac Valley..... Mass.	79,770	50,000		33,422	2,615	100
Sept. 30, '75	47.59	1317	398	Metropolitan (Boston)..... Mass.	2,708,761	1,600,000	378,442	1,126,207	219,958	100
Sept. 30, '75	16.03	312	63	Middlesex (Boston)..... Mass.	733,080	400,000	378,000	103,158	54,506	100
Sept. 30, '75	8.55	92	32	Naumkeag..... Mass.	207,197	150,000	84,900	1,900	32,090	100
Sept. 30, '75	3.92	35	8	New Bedford & Fairhaven Mass.	81,066	50,000		30,190	28,278	100
Sept. 30, '75	4.20	52	12	New York Elevated..... N.Y.	1,071,522	798,300	771,090	108,822	93,657	100
Sept. 30, '75	7.50	200	17	New Wausburg & Flatbush N.Y.	328,558	300,000		65,356	3,197	100
Sept. 30, '75	6.10	124	20	Ninth Avenue (N.Y. City) N.Y.	999,422	792,000	207,000	106,330	13,432	100
Sept. 30, '75	11.16	241	30	North 2d St. & Middle V. N.Y.	242,310	142,100	125,000	148,251	69,979	100
Dec. 31, '75	13.09	160	47	Orange and Newark..... N.J.	1,041,157	290,000	700,000	156,420	222,901	100
Sept. 30, '75	14.40	57	42	Park Avenue (Brooklyn) N.Y.	412,093	200,000	300,000	123,715	31,978	100
Oct. 31, '75	9.83	31	13	People's (Scranton)..... Pa.	182,719	160,000	15,000	42,108	13,108	100
Oct. 31, '75	6.09	641	114	People's (Pottsville)..... Pa.	152,114	100,000	35,000	28,591	1,006	100
Oct. 31, '75	12.79		119	Philadelphia City (O. & W.) Pa.	793,912	600,000	200,000	562,307	123,409	100
Oct. 31, '75	6.22	151	15	Philadelphia and Darby..... Pa.	326,859	200,000	100,000	24,000	8	100
Oct. 31, '75	13.17	137	22	Philadelphia & Gray's Ferry Pa.	311,718	300,000	6,500	131,718	41,718	100
Oct. 31, '75	8.75	121	40	Pgh., Allegheny & Manchester Pa.	392,718	300,000	100,000	171,319	46,310	100
Oct. 31, '75	6.40	122	20	Pittsburg and Birmingham Pa.	196,322	150,000	50,000	81,310	13,108	100
Oct. 31, '75	10.00	71	29	Pg. Oakland & E. Liberty Pa.	191,927	150,000	45,000	59,172		100
Dec. 31, '75	7.18	40	18	Portland..... Me.	175,000	157,000		1,090	49,533	100
Sept. 30, '75	5.00	212	13	Poughkeepsie City..... N.Y.	131,702	78,705	27,000	38,906	23,548	100
Sept. 30, '75	16.75	280	44	Prospect Park & Coney I.N.Y.	1,011,126	600,000	500,000	3,224	151,178	100
Dec. 31, '75	14.12	186	44	Ridge Avenue (Ph.)..... Pa.	429,951	460,000	65,400	249,316	51,102	100
Sept. 30, '75	17.00	1109	147	Rochester and Brighton..... N.Y.	263,509	100,000	138,000	122,807	45,789	100
Sept. 30, '75	22.00	635	169	Second Avenue (N.Y. City) N.Y.	2,647,402	1,199,500	1,317,000	456,000	174,137	100
Oct. 31, '75	41.06	361	115	2d and 3d street (Phila.) Pa.	822,901	671,576	109,300	571,222	192,513	100
Oct. 31, '75	7.50	381	81	3d Street (Phila.)..... Pa.	299,437	100,000	40,000	249,668	79,314	100
Sept. 30, '75	6.37	1076	112	Sixth Avenue (N.Y. City) N.Y.	2,387,038	750,000	415,000	836,910	162,869	100
Sept. 30, '75	10.36	350	62	South Boston..... Mass.	546,268	450,000	26,268	308,565	35,976	100
Sept. 30, '75	6.50	106	26	South Brooklyn & Park..... N.Y.	114,774	150,000	26,642	47,241	6,210	100
Sept. 30, '75	1.75			South Ferry..... N.Y.	280,111	150,000	187,000	31,791	6,496	100
Sept. 30, '75	5.00	38	9	Springfield..... Mass.	90,912	50,000		26,922	792	100
Sept. 30, '75	8.00	40	13	Staten Island..... N.Y.	31,000	31,000		18,288	Deficit	100
Sept. 30, '75	2.53	24	6	Stoneham street (Boston) Mass.	42,989	33,000		2,144	1,729	100
Sept. 30, '75	2.93	22	10	Syracuse and Geddes..... N.Y.	32,983	25,000	25,000	15,619	2,614	100
Sept. 30, '75	2.60	17	5	Syracuse and Onondaga..... N.Y.	51,267	37,000		14,882	3,796	100
Sept. 30, '75	4.32	32	8	Taunton..... Mass.	57,198	40,000		17,436	985	100
Oct. 31, '75	9.20	849	49	10th & 11th st. (Oldtown) Pa.	232,467	192,750		359,714	106,982	100
Oct. 31, '75	10.76	263	37	15th and 16th streets (Phila.) Pa.	281,709	334,529	100,000	213,529	47,901	100
Sept. 30, '75	18.00	2004	283	Third Avenue (N.Y. City) N.Y.	4,076,069	2,000,000	2,000,000	1,324,149	604,928	100
Sept. 30, '75	6.50	30	8	Troy and Albany..... N.Y.	74,640	44,700	31,375	18,016	3,365	100
Sept. 30, '75	4.98	390	67	Troy and Cohoes..... N.Y.	50,000	50,000		170,328	17,509	100
Sept. 30, '75	4.89	290	67	Troy and Lansingburg..... N.Y.	330,304	25,000	102,000	168,116	25,065	100
Sept. 30, '75	5.00	170	32	23d street (N.Y. City) N.Y.	910,874	600,000	250,000	500,604	49,984	100
Sept. 30, '75	5.00	170	32	Union (Boston)..... Mass.	50,121	387,900	6,500	258,671		100
Oct. 31, '75	36.00	880	150	Union (Phila.)..... Pa.	1,410,919	600,000	500,000	701,309	241,302	100
Oct. 31, '75	3.00		28	Union (Providence)..... R.I.	796,180	614,300	75,000	469,781	99,385	100
Sept. 30, '75	4.42			Union Freight (Boston) Mass.	253,778	320,000	4,000	15,000	13,707	100
Sept. 30, '75	13.11	92		Utica, Clinton & Bingham N.Y.	324,563	121,400	300,000	48,590	6,493	100
Sept. 30, '75	2.50	18	6	Van Brunt st (Brooklyn) N.Y.	87,000	75,000	15,000	18,141	3,843	100
Sept. 30, '75	3.31	12		Walham and Newtown Mass.	46,258	50,000		7,191	2,925	100
Sept. 30, '75	14.50	144	20	West Philadelphia..... N.Y.	342,797	240,000	132,000	80,238	12,508	100
Oct. 31, '75	16.25	522	75	West Philadelphia..... Pa.	822,109	500,000	100,000	462,119	109,401	100
Oct. 31, '75	4.36	23		Wilkesbarre and Kingston Pa.	100,000	100,000		31,303	14,901	100
Sept. 30, '75	5.37			Winnitummet (Boston) Mass.	82,500	60,000		3,690	3,08	

RAILROAD EARNINGS—MONTHLY.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Atchison, Top. & San. Fe:	68,559	78,410	104,051	112,474	107,644	104,437	113,450	152,215					
1876.	117,417	144,132	180,246	197,000	212,996	189,370	198,851	231,500					
Central Pacific:													
1873.	852,860	694,015	939,778	1,129,469	1,373,675	1,301,202	1,214,551	1,251,622	1,392,125	1,375,470	1,298,751	1,116,366	13,919,394
1874.	848,558	804,044	882,423	1,110,523	1,311,699	1,366,615	1,286,940	1,322,557	1,371,739	1,465,515	1,381,765	1,370,334	14,522,814
1875.	953,933	906,159	1,136,263	1,366,984	1,798,469	1,738,370	1,536,225	1,553,014	1,567,622	1,615,974	1,513,836	1,338,909	17,035,069
1876.	961,000	1,000,000	1,123,000	1,468,000	1,700,000	1,639,000	1,507,000	1,689,000					
Canada Southern:													
1875.	67,487	41,501	82,255	106,755	102,546	96,599	104,897	104,038					
1876.	123,742	141,161	165,431	168,452	123,088	111,008	108,787	148,968					
Chicago and Alton:													
1873.	347,373	396,307	420,893	409,472	430,184	475,819	540,342	596,708	560,858	564,633	410,907	344,046	5,497,541
1874.	344,420	339,976	362,342	384,335	397,683	496,815	464,438	480,056	524,042	550,950	416,544	364,725	5,126,228
1875.	319,928	328,219	363,627	367,956	351,004	382,232	387,445	411,960	490,283	489,019	395,779	369,311	4,656,764
1876.	320,392	332,055	353,719	353,530	442,457	441,390	397,269	499,272					
Chicago and Northwestern:													
1873.	752,468	765,249	967,258	1,034,023	1,256,072	1,309,579	1,249,445	1,316,327	1,520,638	1,516,583	1,075,908	1,052,915	13,816,465
1874.	1,014,514	900,765	1,024,061	1,080,193	1,290,596	1,163,522	1,011,685	1,118,370	1,254,255	1,407,975	1,065,726	1,030,027	13,361,689
1875.	825,469	671,784	970,064	1,024,389	1,164,459	1,052,890	1,257,892	1,098,634	1,206,806	1,409,168	1,196,333	933,339	12,811,227
1876.	808,842	854,627	944,450	919,978	1,090,752								
Chicago, Mil. & St. Paul:													
1873.	334,715	423,716	555,287	574,268	806,802	929,211	834,341	767,871	1,193,210	1,012,741	771,780	843,193	9,046,124
1874.	654,426	657,497	576,271	742,051	964,930	866,709	742,915	704,373	798,889	862,153	694,250	662,283	8,953,017
1875.	466,101	323,273	502,765	639,669	718,465	742,169	842,395	630,516	741,206	974,262	927,030	747,893	8,255,774
1876.	527,000	518,000	567,388	650,994	819,853	877,571	685,753	569,482					
Clev. Col. Cin. & Ind.:													
1873.	363,921	413,043	448,924	413,443	436,459	411,260	393,809	465,503	466,796	483,893	327,904	322,596	4,887,448
1874.	372,408	292,730	328,537	352,993	317,881	345,188	338,572	418,721	387,576	409,237	353,564	325,399	4,248,606
1875.	277,140	255,239	301,666	304,424	303,689	285,947	291,386	306,105	383,550	364,738	367,295	333,038	3,774,216
Erie:													
1872.	1,332,994	1,294,076	1,460,174	1,548,813	1,775,324	1,463,961	1,550,023	1,525,243	1,643,464	1,743,752	1,704,374	1,392,615	18,694,096
1873.	1,326,505	1,329,422	1,516,382	1,541,958	1,754,821	1,717,593	1,784,894	1,820,756	1,879,764	1,825,630	1,529,307	1,522,585	19,548,617
1874.	1,455,210	1,286,511	1,430,911	1,556,922	1,646,139	1,648,938	1,545,380	1,546,175	1,605,138	1,680,196	1,447,666	1,287,551	18,136,787
1875.	1,164,975	1,101,631	1,074,743	1,423,386	1,556,521	1,570,470	1,534,098	1,497,529	1,538,089				
Hannibal & St. Joseph:													
1875.	94,532	116,286	138,779	147,439	125,890	122,455	113,131						
1876.	142,968	156,111	174,335	148,573	141,289	141,426	138,087						
Illinois Central:													
1872.	637,430	631,627	575,393	559,871	648,956	659,363	609,846	783,255	744,782	881,693	696,475	698,063	8,096,754
1873.	602,241	597,429	660,759	553,912	635,459	742,600	684,840	769,748	884,485	797,121	636,039	703,692	8,268,325
1874.	593,998	517,674	561,793	586,962	672,234	692,416	687,454	711,969	768,536	838,307	668,943	680,435	7,900,721
1875.	591,031	491,631	595,519	610,459	604,881	602,505	715,899	613,446	718,101	816,508	773,092	679,434	7,802,556
1876.	588,446	608,126	608,494	546,082	588,969	614,484	492,003	595,100					
Kansas Pacific:													
1872.	189,606	191,738	300,783	322,875	341,843	322,559	329,838	357,303	349,468	449,418	314,513	223,240	3,693,183
1873.	150,567	194,786	300,719	352,300	322,764	312,614	323,231	328,189	333,785	392,510	265,217	201,492	3,496,160
1874.	170,349	178,429	245,774	292,143	316,647	316,379	293,247						
Lake Shore & Mich. South'n:													
1871.	1,090,039	1,062,656	1,320,092	1,225,281	1,201,783	1,148,481	1,140,388	1,304,253	1,377,653	1,410,867	1,353,362	1,243,594	14,998,449
1872.	1,349,275	1,302,139	1,504,478	1,536,193	1,489,333	1,332,727	1,235,145	1,472,074	1,643,640	1,774,821	1,567,875	1,492,235	17,999,935
1873.	1,445,220	1,600,933	1,774,128	1,709,880	1,663,040	1,604,448	1,446,956	1,566,914	1,791,376	1,785,186	1,433,735	1,572,693	19,414,509
1874.	1,569,750	1,363,355	1,491,280	1,518,122	1,373,678	1,335,319	1,225,831	1,414,819	1,532,602	1,589,497	1,335,892	1,365,966	17,146,131
1875.	1,163,564	1,037,518	1,287,841	1,275,664	1,100,142	1,055,699	1,079,808	1,178,324	1,306,828	1,392,487	1,275,955	1,280,371	14,434,199
Michigan Central:													
1872.	411,113	334,058	449,453	485,550	487,282	398,300	402,084	460,101	536,603	641,807	487,603	464,163	5,608,117
1873.	379,936	440,261	567,314	556,180	542,058	490,028	457,853	452,330	617,291	537,031	560,804	552,548	6,089,534
1874.	555,709	438,037	487,871	551,932	559,284	468,908	413,302	484,792	552,484	609,888	525,480	481,568	6,129,555
1875.	500,902	441,623	611,311	600,066	556,789	491,823	462,231	534,001					
1876.	518,567	548,669	583,981	610,543	629,348	533,170	430,625	542,773					
Mo., Kan. & Texas:													
1873.	200,639	224,393	256,719	258,871	250,935	249,343	301,318	336,893	399,939	370,710	300,028	285,603	3,444,331
1874.	266,333	230,371	262,801	214,011	224,589	237,425	245,595	298,999	313,500				
1875.	198,099	204,539	233,095	192,471	187,091	221,444	211,735						
1876.	356,459	354,792	345,814	214,788	212,938	233,126	294,308						
Ohio and Mississippi:													
1873.	283,605	291,630	338,725	338,709	307,520	290,470	271,314	300,895	379,105	322,532	265,242	264,920	3,654,667
1874.	266,039	243,167	304,842	298,665	268,807	292,546	282,642	311,140	366,131	382,544	393,575	297,678	3,612,776
1875.	245,989	244,968	309,906	273,441	257,971	256,772	327,812	257,770					
1876.	315,795	293,039	314,382	306,637	313,070	304,846	247,646	292,897					
Philadelphia and Reading:													
1871.	506,367	423,045	644,506	686,578	1,063,002	1,510,088	1,213,303	1,359,633	1,418,141	1,413,643	1,423,278	837,080	12,500,664
1872.	657,318	645,090	823,683	1,044,251	1,116,387	1,167,008	1,071,407	1,742,241	1,190,695	1,322,847	1,127,030	891,791	12,199,748
1873.	742,041	745,100	1,258,470	1,379,009	1,308,450	1,382,096	1,321,543	1,446,247	1,547,475	1,486,091	1,324,348	1,049,126	14,990,006
1874.	683,128	737,381	1,190,328	1,321,509	1,433,450	1,373,229	895,453	1,066,632	1,468,807	1,857,429	1,375,639	958,136	14,361,121
1875.	447,172	417,644	575,740	650,270	629,193	917,514	1,555,974	1,631,339	1,656,258	1,722,954	1,438,733		
St. Louis, I. Mt. & South'n:													
1873.	145,834	152,054	224,449	207,627	254,927	216,223	200,575	223,714	244,967	238,198	209,623	221,348	2,539,538
1874.	243,915	211,409	226,288	214,620	251,509	238,608	235,250	254,230	292,216	358,776	250,960	235,000	
1875.	250,790	281,911	275,910	264,560	275,147	294,631	226,241	283,958					
1876.	352,300	312,500	295,000	275,400	264,900	262,300	253,500	688,300					
St. Louis, Kans. C. & North'n:													
1875.	208,088	196,155	243,991	220,692	188,083	173,332	153,497	248,895					
1876.	248,098	282,879	271,230	234,002	237,354	228,720	216,916	255,688					
Toledo, Peoria and Warsaw:													
1875.	71,437	61,809	72,805	74,809	70,522	77,963	69,402	113,018					
1876.	99,308												

NATIONAL AND STATE SECURITIES

		Amounts outstanding.	Date.	Payable.	Interest.	When Payable.	Market Price.			Amounts outstanding.	Date.	Payable.	Interest.	When Payable.	Market Price.
National Securities, Sept. 1, 1916:								Massachusetts—(\$29,465,204):							
Loan of June 14, 1858.....registered	\$280,000	5	Jan. & July.	1874	.....	117	.....	Lunatic Hospital Loan, 1874.....	650,000	5	Jan. & July.	1894	.....	117	.....
Loan of February 8, 1901.....registered	13,795,000	6	Jan. & July.	1880	117	.....	.....	Harbor Land Improvement bonds, 1874	400,000	5	Jan. & July.	1894	114	.....	.....
.....coupon	4,620,000	6	Jan. & July.	1880	118	.....	.....	Back Bay Land bonds, 1861 and 1862....	220,000	5	May & Nov.	1890	108	.....	.....
Oregon War Bonds of March 2, 1861.....coupon	945,000	6	Jan. & July.	1881	118	.....	.....	Union Defense Loan, 1861.....	1,850,000	6	Jan. & July.	77-70	115	.....	.....
Loan of July 17, and Aug. 5, 1861.....registered	128,133,100	6	Jan. & July.	1881	117	.....	.....	Union Defense Loan, 1862.....	50,000	6	June and Dec.	77-78	109	.....	.....
.....coupon	63,188,250	6	Jan. & July.	1881	118	.....	.....	Coast Defense Loan, 1863.....	888,000	5	Jan. and July.	1883	111	.....	.....
Loan of Feb. 25, 1862 (5-20s).....registered	53,720,250	6	May & Nov.	1882	.....	.....	.....	Bounty Fund Loan, 1863 and 1864.....	8,380,244	5	Jan. and July.	1884	.....	.....	.....
.....coupon	21,279,750	6	Jan. & July.	1881	117	.....	.....	War Fund Loan, 1869.....	999,944	5	Jan. and July.	1889	.....	.....	.....
Loan of March 3, 1863 (5-20s).....registered	53,720,250	6	Jan. & July.	1881	117	.....	.....	Troy & Greenfield R.R. & Tunnel Loan.	10,971,992	5	Various.	88-94	109	.....	.....
.....coupon	21,279,750	6	Jan. & July.	1881	118	.....	.....	B. H. & Erie R.R. Loan.....	2,599,020	5	Jan. & July.	1900	.....	.....	.....
Loan of March 3, 1864 (5-20s).....registered	53,720,250	6	May & Nov.	1884	.....	.....	.....	Michigan—(\$1,664,000):							
Loan of June 30, 1864 (5-20s).....registered	53,720,250	6	Jan. & July.	1884	.....	.....	.....	Renewal Loan bonds, 1868.....	105,000	6	Jan. & July.	1878	101	.....	.....
.....coupon	35,331,650	6	Jan. & July.	1884	.....	.....	.....	Two Million Loan bonds, 1863.....	1,032,000	6	Jan. & July.	78-83	103	.....	.....
Loan of March 3, 1865 (5-20s).....registered	115,227,000	6	May & Nov.	1885	112	.....	.....	War Bounty Loan bonds, 1865.....	366,000	7	May & Nov.	1890	110	.....	.....
.....coupon	62,216,100	6	Jan. & July.	1885	113	.....	.....	Minnesota—(\$2,755,000):							
2d series (5-20s).....registered	141,413,000	6	Jan. & July.	1885	113	.....	.....	State Buildings Loan, 1867 to 1899.....	250,000	7	Jan. & July.	77-79	.....	.....	.....
.....coupon	93,804,950	6	Jan. & July.	1887	116	.....	.....	State Buildings Loan, 1873, coupon.....	230,000	7	Jan. & July.	83-03	.....	.....	.....
3d series (5-20s).....registered	216,817,800	6	Jan. & July.	1887	116	.....	.....	Railroad Aid bonds, 1868, (repudiated).	2,275,000	7	Jan. & July.	1887	.....	.....	.....
.....coupon	15,078,500	6	Jan. & July.	1888	118	.....	.....	Missouri—(\$17,839,000):							
4th series (5-20s).....registered	22,298,														

Asterick (*) affixed to rate of Interest signifies "Payable in Coin."

Interest Payable.								Interest Payable.													
Description of Bonds.		Amount.	Rate.	When.	Where.	Due	Price	Description of Bonds.		Amount.	Rate.	When.	Where.	Due	Price						
Adirondack:								Blue Ridge (S. Car.):													
1st Mortgage		840,000	7	Jan. & July.	New York.	1886	....	1st Mort. guar. by State (gold)		4,000,000	7	Jan. & July.	Charleston.	1898	....					
Alabama and Chattanooga:								Boston and Albany:													
1st Mortgage, guar. by Ala.		5,300,000	8	Jan. & July.	New York.	1889	....	Currency bonds of Feb. 1, 1872.		5,000,000	7	Feb. and Aug.	Boston.	1891-9	1161					
2d Mortgage		2,673,000	8	"	"	1889	....	1st Mortgage (Agricultural Br.)		400,000	6	Jan. & July.	Boston.	1884	84					
Receiver's Bonds		1,200,000	7	"	"	"	....	1st Mortgage (Equalization)		248,000	6	"	"	1889	92					
Alabama and Georgia:								1st Mortgage (Consolidation)								252,000	7	"	"	1890	96
1st Mortgage, guar. by Ala. & Ga.		10,000,000	8	Jan. & July.	New York.	1891	....	Equipment Mortgage		350,000	6	Apr. and Oct.	"	1881	90					
Alabama Central:								Boston, Concord and Montreal:													
1st Mortgage		1,600,000	8	Jan. & July.	New York.	1901	....	Sinking Fund Mortgage		543,000	6	Jan. and July.	Boston.	1889	92					
Albany and Susquehanna:								1st Mortgage		166,000	7	Apr. and Oct.	Boston.	1893	103						
1st Mortgage		1,000,000	7	Jan. & July.	New York.	1888	106	Consol. Mortgage for \$2,000,000.		244,800	8	"	"	1898	....					
2d Mortgage		2,000,000	7	Apr. & Oct.	"	1885	102	Boston, Hartford and Erie:													
3d Mortgage		434,000	7	May & Nov.	"	1881	....	1st Mortgage (old)		273,000	7	Mar. and Sept.	Boston.	1884	....					
Albany Loan		933,000	6	"	"	1895	....	1st Mortgage (Berdell)		15,000,000	7	Jan. and July.	New York.	1900	101					
Alexandria and Fredericksburg:								1st Mortgage, guar. by Erie								5,000,000	7	"	"	1900	181
1st Mortgage		1,000,000	7	June & Dec.	Philadelphia.	1896	....	Mass. L. (sec'd by \$4,000,000 Ber.)		3,500,000	7	"	Boston.	1899	....					
Allegheny Valley:								Boston and Lowell:													
General Mortgage		3,967,000	7.5	Jan. & July.	New York.	1896	102	Bonds (Wharf Purchase)		200,000	6	Apr. and Oct.	Boston.	1879	101						
Special Mortgage to Penn.		3,500,000	6	January.	Harrisburg.	1900	92	Bonds of 1872 for \$1,000,000		999,300	7	"	"	1892	1081						
1st M. & E. Ext., guar. by Pa. R.R.		9,933,000	7	Apr. & Oct.	Phil. or Lond.	1900	92	Boston and Maine:													
Funding Income (traffic guar.)		5,402,900	7	"	Pittsburg.	1894	46	Bonds of 1893 (coup. and reg.)		5,200,000	7	Jan. and July.	Boston.	1879-84	1101						
American Central:								Boston and New York Air Line:													
1st Mort., guar. by C., B. & Q.		645,000	7	Jan. & July.	New York.	1878	104	1st mortgage		600,000	7	Feb. and Aug.	New York.</								

AMERICAN RAILROAD BOND LIST.

An Asterisk (*) affixed to rate of interest signifies "Payable in Ctn."

Description of Bonds.	Amount.	Rate.	Interest Payable.				Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.				Due.	Price.
			When.	Where.	When.	Where.						When.	Where.				
Cedar Rapids & Mo. Riv. (C. & N.W.)	\$ 700,000	7	Feb. & Aug.	New York.	1891	94	Chicago, Iowa and Nebraska:	\$ 568,240	7	Jan. & July.	Boston.	1889	100	102			
1st Mortgage, 1st Div. \$10,000 p.m.	582,000	7	" " "	" " "	1894	94	2d Mort. (now 1st) guar. C. & N.W.	211,500	7	Feb. & Aug.	New York.	1892	100	102			
1st Mortgage 2d Div. \$10,000 p.m.	2,400,000	7	May & Nov.	" " "	1915	94	Chicago and Milwaukee Railway:	1,700,000	7	Jan. & July.	New York.	1899	105	105			
Central Branch Union Pacific:							1st Mort. guar. by C. and N.W.										
1st Mort. (Atch. & Pike's Peak).	1,600,000	6	May & Nov.	New York.	1895	100	Chicago and Mich. Lake Shore:	477,000	8	March & Sept.	Boston.	1889	100	105			
2d Mortgage Govern'm't ac.aid.	1,600,000	6	Jan. & July.	" " "	1898	100	1st Mortgage.....	5,500,000	8	Jan. & July.	" " "	1890	100	105			
Central of Georgia:							1st Mortgage.....	1,850,000	8	May & Nov.	" " "	1891	100	105			
General Mort. for \$5,000,000....	2,287,000	7	Jan. & July.	N.Y. & Savan.	1898	100	1st Mortgage (on Branch).....	1,325,000	8	March & Sept.	" " "	1892	100	105			
Macon & West. (Atlanta D.) b'ds	150,000	7	April & Oct.	Savannah.	1890	100	Chicago, Milwaukee and St. Paul:										
Central of Iowa:							1st Mort. (Mil. and St. Paul R'y)	5,909,000	7	Jan. & July.	New York.	1895	102	102			
1st Mortgage, gold, \$10,000 p.m.	3,700,000	7	Jan. & July.	New York.	1899	100	2d Mort. (" " " ")	1,911,000	7	April & Oct.	" " "	1894	98	102			
2d Mortgage, gold, \$4,000 p.m.	928,000	7	April & Oct.	" " "	1901	100	1st Mort. (Chic. and Mil. Div.)	2,600,000	7	Jan. & July.	" " "	1903	99	102			
Central of L. I. (Flush., N.C. & O.)							1st Mort. (East. Div. Palmer.)	847,000	8	May & Nov.	" " "	1874	100	102			
1st Mortgage.....	1,275,000	7	May & Nov.	New York.	1889	100	1st Mort. (Iowa and Minn. Div.)	3,810,000	7	Jan. & July.	" " "	1897	94	102			
Central of New Jersey:							1st Mort. (Minnesota Central.)	190,000	7	" " "	" " "	1894	100	102			
Convertible bonds of 1872.....	4,400,000	7	May & Nov.	New York.	1902	77	1st Mort. (St. Paul Division.)	4,000,000	7	" " "	" " "	1902	103	103			
1st Mort. (New York for \$5,000,000....	5,000,000	7	Feb. & Aug.	" " "	1890	100	1st Mort. (Iowa and Dak. Div.)	887,000	7	" " "	" " "	1899	93	103			
Newark Branch Bonds.....	600,000	7	Jan. & July.	" " "	1887	100	1st Mort. (Prairie du Chien Div.)	3,874,000	8	Feb. & Aug.	" " "	1898	117	103			
Loan of Loh. C. & Nav. Co. (usu'd)	2,310,000	6	J. A. J. & O.	Philadelphia.	1897	100	2d Mort. (" " " ")	1,816,000	7.3	" " "	" " "	1899	98	103			
Consol. Mort. for \$25,000,000....	14,160,000	6	" " "	New York.	1899	86	1st Mort. (Hast. and Dak. Div.)	467,000	7	Jan. & July.	" " "	1902	90	103			
Central Ohio (B. and O.)							1st Mort. (Mil. and Western)...	234,000	7	Jan. & July.	" " "	1891	100	103			
1st Mortgage guaranteed.....	2,500,000	6	March & Sept.	Baltimore.	1890	100	Real Estate Purchase.....	148,500	7	" " "	" " "	1885	100	103			
Central Pacific of California:							Equipment and Bridge Bonds...	245,000	10	June & Dec.	" " "	1893	100	103			
1st Mort. 20 years bonds, (gold)	25,781,000	6	Jan. & July.	New York.	1885-99	110	Consol. Mort. for \$35,000,000....	2,164,000	7	Jan. & July.	" " "	1906	80	103			
Convertible 20 years bonds, gold	1,483,000	7	" " "	" " "	1888	103	Chicago and Northwestern:										
State Aid B'ds (Int. by State) gold	1,500,000	7	" " "	Sacramento.	1884	108	Preferred sinking fund (193 m.)	1,238,700	7	Feb. & Aug.	New York.	1885	106	106			
2d Mort. (Govern'm't Subsidy)	23,885,000	6	" " "	U.S. Treasury	1895-99	108	General 1st Mortgage (193 m.)	3,878,000	7	" " "	" " "	1885	108	106			
1st Mort. (Western Pacific) gold	2,735,000	6	" " "	New York.	1899	101	Funded coupons (193 m.).....	740,300	7	May & Nov.	" " "	1883	105	106			
1st Mort. (Calif. & Oregon) gold	7,291,000	6	" " "	" " "	1888	94	Appleton Ext. (23 m. & 75,000 ac.)	146,000	7	Feb. & Aug.	" " "	1885	90	106			
1st Mort. (S. Fr. Okla. & Ala.)...	500,000	6	" " "	" " "	1890	96	Green Bay Ext. (26 m. & 75,000 a.)	265,000	7	" " "	" " "	1882	108	106			
1st Mort. (San Joaquin V.D.) gold	6,950,000	6	April & Oct.	" " "	1900	96	1st Mort. (Gal. & Chi. U.) 248 m.	1,692,000	7	" " "	" " "	1878	100	106			
Land bonds (Cen. Pac. Co.) gold	9,049,000	6	" " "	" " "	1900	97	Elgin and State Line.....	122,000	6	Jan. & July.	" " "	1884	100	106			
Central Vermont:							Mississippi River Bridge.....	186,000	7	" " "	" " "	1898	101	106			
1st Mort. Consol. (Vt. Central).	3,000,000	7	May & Nov.	Boston.	1886	91	1st Mortgage (Pennsylvania).....	828,000	7	March & Sept.	" " "	1899	101	106			
2d Mort. Consol. (")	1,500,000	7	June & Dec.	" " "	1891	41	Consol. skg fund (C. & N.W. R'y)	4,277,000	7	F. M. A. & N.	" " "	1915	105	106			
1st Mort. (Stan., Sheff. and Ch.)	500,000	7	Jan. & July.	" " "	1887	55	General Consol. Gold Bonds...	3,768,000	7	June & Dec.	" " "	1902	94	106			
Income and Extension Bonds...	1,008,500	8	May & Nov.	" " "	1902	60	1st Mort. S. F. (Madison Exten.)	3,160,000	7	April & Oct.	" " "	1911	100	106			
Equipment Mort. (Vt. Central).	1,000,000	8	" " "	" " "	1889	70-77	1st Mort. S. F. (Menominee Ext.)	2,700,000	7	June & Dec.	" " "	1911	100	106			
Equipment Mort. (")	1,000,000	8	" " "	" " "	1889	60	2d Mort. (Mil. & Chi. R.R.) guar.	2,000	7	" " "	" " "	1898	100	106			
Bonds, guar. (Vt. and Canada)	1,000,000	8	Jan. & July.	" " "	1891	39	1st Mort. (Chic. & Mil. R.R.) guar.	1,700,000	7	Jan. & July.	" " "	1898	105	106			
Missisquoi R.R. " "	500,000	7	" " "	" " "	1891	39	1st Mort. (Bel. & Mad. R.R.) guar.	284,000	7	" " "	" " "	1888	100	106			
Cent. Vt. (Vt. & Ca. Mort.) b'ds	5,000,000	6	March & Sept.	" " "	1904	100	Chicago, Portage and Superior:										
Charleston and Savannah:							1st M. & L. (Chi. & N. Pac. Air-L.)	25,000 p.m.	7	June & Dec.	New York.	1902	100	106			
1st Mortgage guar. by State.....	805,000	6	March & Sept.	Charleston.	1877	100	Chicago, Omaha and St. Joseph:										
Funded Interest on 1st Mort....	167,400	7	" " "	" " "	1889	100	1st Mortgage for \$5,000,000.....	.....	8	April & Oct.	New York.	1901	100	106		
Charlotte, Columbia & Augusta:							Chicago and Paducah (C. B. & Q.)	2,804,000	7	Jan. & July.	Boston.	1903	100	106			
1st Mortgage.....	2,000,000	7	Jan. & July.	New York.	1898	76	1st Mortgage \$28,000 p. m. gold.										
Charters:							Chi. Pekin & Southwestern (C.B. & Q.)	700,000	8	Feb. & Aug.	New York.	1901	100	106			
1st Mort. guar. by Penna.....	500,000	7	April & Oct.	Philadelphia.	1901	100	1st Mortgage for \$10,000 per mile										
Chesaw and Darlington:							Chicago, Rock Island and Pacific:	9,900,000	7	Jan. & July.	New York.	1896	109	106			
1st Mortgage dated Jan. 1, 1871.	141,000	8	April & Oct.	Charleston.	1888	100	1st Mortgage skg. fund.....										
2d Mortgage dated Jan. 1, 1869.	75,000	7	Jan. & July.	" " "	1888	100	Chi. & Southwestern (C. B. & Q.)	5,000,000	7	May & Nov.	New York.	1889	100	106			
Cherry Valley, Sharon and Alb.							1st Mortgage gold (Atchison Br.)	1,900,000	7	June & Dec.	" " "	1901	100	106			
1st Mort. con. guar. by A. & S. Co.	300,000	7	June & Dec.	New York.	1899	100	Chicago, Wisconsin & Canada:										
Chesapeake and Ohio:							1st Mort. gold, skg. fd for \$410,000	.....	7	Jan. & July.	New York.	1902	100	106		
1st M. (gold) skg. fd for \$15,000,000	15,000,000	6	May & Nov.	New York.	1899	26	1st Mortgage (Mad. & Portage) g'd	600,000	7	April & Oct.	New York.	1900	100	106			
1st Mort. Extension (con. or reg)	5,426,900	7	Jan. & July.	" " "	1902	100	1st Mortgage (gold) for \$5,000,000	.....	7	Jan. & July.	" " "	1902	100	106		
1st Mort. (Va. Con.) guar. by Va.	100,000	6	" " "	" " "	1890	100	Chillicothe and Brunswick:										
2d Mort. (") coupon.....	902,000	6	" " "	" " "	1884	100	1st Mort. guar. by St. L., K.C. & N.	500,000	8	Jan. & July.	New York.	1894	100	106			
Income (") coupon.....	300,000	6	" " "	" " "	1878	100	Cincinnati, and Baltimore:										
Funded Interest, coupon.....	100,500	8	" " "	" " "	1877	100	1st Mort. guar. by B. & O. M. & C.	322,000	7	Jan. & July.	Baltimore.	1900	98	106			
Cheshire:							Cincinnati, Hamilton and Dayton:										
Coupon bonds (no Mort.)	775,900	6	Jan. & July.	Boston.	177-80	97	1st Mortgage of 1863.....	1,250,000	7	May & Nov.	New York.	1880	100	106			
Chester Creek (Phil. & Balt. Cent.)							2d Mortgage of 1865.....	500,000	7	Jan. & July.	" " "	1885	100	106			
1st Mort. guar. by P. W. & B.	134,000	4	Jan. & July.	Philadelphia.	1903	100	3d Mortgage of 1867.....	500,000	8	June & Dec.	" " "	1877	100	106			
Chester and Tamarac:							Cincinnati, Ham. & Ind. (C. H. & D.)	1,846,000	7	Jan. and July.	New York.	1903	103	106			
1st Mortgage.....	680,000	7	May & Nov.	New York.	1901	100	1st Mort. guar. for \$2,500,000...										
Chicago and Alton:							Cincinnati, Lafayette and Chi.	1,120,000	7	March & Sept.	New York.	1901	84	106			
1st Mortgage, pref. sinking fund.	28,000	7	May & Nov.	New York.	1877	107	Consolidated Mortgage.....	471,000	7	June & Dec.	" " "	1914	100	106			
1st Mortgage.....	2,400,000	7	Jan. & July.	" " "	1896	120	Cincinnati and Martinsville:										
2d Mortgage Income.....	1,100,000	7	April & Oct.	" " "	1886	103	1st Mort. guar. by L.C. & L.F.	400,000	7	Feb. & Aug.	New York.	1906	100	106			
Consol. Bonds (\$200 stig. each)	3,893,200	6	Jan. & July.	London.	1903	100	Cincinnati & Muskingum Valley:										
1st Mort. (Ill. L. & C.) assumed	564,000	7	April & Oct.	New York.	1894	104	1st Mortgage.....	1,500,000	7	Jan. and July.	New York.	1901	100	106			
2d Mort. (") coupon.....	188,000	7	Jan. & July.	" " "	1898	100	Cincinnati, Richmond & Chicago:										

AMERICAN RAILROAD BOND LIST.

Asterisk (*) affixed to rate of interest signifies "Payable in Coin."

Interest Payable.						Interest Payable.					
Description of Bonds.	Amount.	Rate.	When.	Where.	Due.	Description of Bonds.	Amount.	Rate.	When.	Where.	Due.
Cleveland and Pittsburg (Pa. Co.):	\$ 600,000	7	Jan. and July	New York.	1913	Detroit & Bay City (Mich. Cent.):	\$ 2,330,000	8	May and Nov.	New York.	1902
Construction and Equip. bonds.	1,096,000	6	"	"	1892	1st Mort. (\$424,000 guar.)	1,826,000	8	Jan. & July.	New York.	1901
4th (now 3d) Mortgage guar.	1,487,000	7	May & Nov.	"	1900	Detroit, Eel River and Illinois:					
Consol. sinking fund guar.	1,000,000	7	Jan. & July.	New York.	1880	1st Mortgage for \$22,000 p.m.	1,170,000	8	June & Dec.	New York.	1900
Clev., Painesville & Ashtabula:	1,000,000	7	April & Oct.	"	1892	Detroit, Hillsdale and Indiana:	300,000	8	Jan. & July.	"	1881
Regist'd bds (ass'd by LS&MS).	1,000,000	7	Jan. & July.	New York.	1880	1st Mort. \$16,000 p. m. guar.	3,219,000	8	April & Oct.	Boston.	1898
3d Mortgage (")	860,000	7	April & Oct.	"	1886	2d Mortgage (coupon) guar.	575,000	8	June & Dec.	"	1897
Cleveland and Toledo:						Detroit, Lansing and Lake Mich.:	1,339,000	8	Feb. & Aug.	"	1893
1st Mort., s.f. (ass'd by LS&MS).	1,595,000	7	Jan. & July.	New York.	1885	1st Mort. (Ionia and Lansing).	770,000	8	Jan. & July.	New York.	1889
2d Mortgage (")	860,000	7	April & Oct.	"	1886	2d Mort. (")	81,000	8	May & Nov.	"	1880
Colebrookdale:						Detroit & Milwaukee (Gt. W. of Ca.):	2,500,000	7	May & Nov.	New York.	1875
1st Mort. guar. by Ph. and Rdg.	584,700	6	June & Dec.	Philadelphia.	1898	1st Mortgage (D. & M.R.R.)	1,000,000	8	"	"	1875
Colorado Central (3 ft. gauge):						2d Mortgage (")	625,924	7	Jan. & July.	"	1875
1st Mortgage.	225,000	8	June & Dec.	Boston.	1890	1st Funded Coup. (D. & M.R.R.)	375,734	7	May & Nov.	"	1875
Columbus, Chicago & Ind. Cent.:						2d Funded Coup. (")	150,000	7	April & Oct.	"	1873
1st Mortgage Consol. skg fund.	15,344,750	7	April & Oct.	New York.	1903	1st Mort. (Detr. & Pontiac R.R.)	100,000	7	Jan. & July.	"	1873
2d Mortgage skg fund.	5,532,400	7	Feb. & Aug.	"	1900	2d Mort. (")	250,000	8	Feb. & Aug.	"	1873
Income convertible.	3,893,000	7	"	"	1890	Bonds of Sept. 1, 1896.	110,000	7	March & Sept.	"	1886
1st Mort. (Chic. and Gt. Eastern)	461,000	7	April & Oct.	"	1890	Bonds of June 30, 1896.	1,702,317	6 1/2	Jan. & July.	"	1886
2d Mort. (")	344,400	7	Jan. & July.	"	1890	Detroit, Mon. & Tol. (L.S. & M.S.):					
1st Mort. (Cin. and Chi. Air-L.)	194,100	7	Feb. & Aug.	"	1890	1st Mortgage Aug. 1, 1885.	924,000	7	Feb. & Aug.	New York.	1875
1st M., s.f. (")	39,650	7	May & Nov.	"	1936	Dixon, Peoria and Hannibal:					
1st Mort. (Col. and Ind. Cent.)	2,632,000	7	Jan. & July.	"	1904	1st Mort., guar. by C. B. and Q.	753,000	8	Jan. & July.	New York.	1889
2d Mort. (")	821,000	10	May & Nov.	"	1904	Dubuque and Sioux City:					
1st M. (

AMERICAN RAILROAD BOND LIST.

An Asterisk (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Florida:							Huntingdon and Broad Top Mt.:						
1st Mortgage conv. gold.....	2,800,000	7*	Jan. & July.	N. Y. & Lond.	1889	....	1st Mortgage gold.....	416,000	7*	April & Oct.	Philadelphia	1890	107
Flushing, North Side and Central:							2d Mortgage.....	267,500	7	Feb. & Aug.	"	1875	106
1st Mort. (Flushing and N. Side.)	1,825,000	7	May & Nov.	New York.	1901	....	Consolidated Mortgage.....	1,375,000	7	April & Oct.	"	1895	53
1st Mort. (Central off. A.)	1,275,000	7	"	"	1899	....	Illinois Central:						
1st Mort. (Cent. R. R. Extension.)	200,000	7	May and Nov.	"	1903	....	Redemption bonds, currency....	2,500,000	6	April & Oct.	New York.	1890	....
1st Mort. (North Shore).....	135,000	7	Feb. & Aug.	"	1887	....	General Mortgage for \$15,000,000	2,500,000	6*	"	London.	1895	....
Stirling Loan.....	1,500,000	6*	"	London.	....	....	Merling Bonds, Sinking Fund..	4,792,000	8*	"	"	1903	....
Fonda, Johnstone & Gloverville:							Illinois Grand Trunk (C. B. & Q.):						
1st Mortgage.....	300,000	7	Jan. & July.	New York.	1890	....	1st Mortgage, guaranteed.....	933,000	8	April & Oct.	Boston.	1890	110
Fort Wayne, Jackson & Saginaw:							Indiana and Illinois Central:						
1st Mortgage, traffic guarantee..	1,500,000	8	Jan. & July.	New York.	1889	....	1st Mortgage gold.....	3,500,000	7*	Jan. & July.	New York.	1901	....
2d Mortgage (Equipment).....	500,000	8	April & Oct.	"	1881	....	Indiana North and South:						
Fort Wayne, Muncie & Cin.:							1st Mort. (Nor. Div.) \$22,000 p.m.	1,700,000	7*	March & Sept.	New York.	1903	....
1st Mortgage.....	1,800,000	7*	April & Oct.	Boston.	1899	....	Indianapolis, Bloomington & West:						
2d Mortgage.....	500,000	8	"	"	1893	....	1st Mortgage gold.....	5,000,000	7*	April & Oct.	New York.	1909	30
Framingham and Lowell:							1st Mortgage Extension gold...	5,500,000	7*	Jan. & July.	"	1912	....
1st Mortgage.....	500,000	7	April & Oct.	Boston.	1890	80	2d Mortgage.....	1,500,000	8	"	"	1890	5
2d Mortgage.....	150,000	8	"	"	1883	89	Indianapolis and Madison:						
Frederick and Pennsylvania Line:							1st Mort. assumed by J. M. & I.	397,000	7	May & Nov.	New York.	1881	....
1st Mortgage gold.....	150,000	6*	April & Oct.	Baltimore.	1901	....	Indianapolis & Vincennes:						
Fronton, Elkhorn & Mo. (S.C. & P.):							1st Mortgage guar. by Pa. Co...	1,700,000	7	Feb. & Aug.	New York.	1908	76
1st Mortgage.....	600,000												

AMERICAN RAILROAD BOND LIST.

An Asterisk (*) fixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Kansas Pacific:							Louisville, Cincin. and Lexington:						
1st Mort. (1st Div. 140 m.) gold.	2,240,000	6*	Feb. & Aug.	N. Y. & St. Lo.	1895	....	Bonds to State of Kentucky.....	74,519	6	Jan. & July.	New York.	Perp.	....
1st Mort. (2d Div. 253.94 m.) gold	4,063,000	6*	June & Dec.	"	1896	....	1st Mortgage for Cincinnati Br..	3,000,000	7	"	"	1897	....
1st M. (3d Div. 244.66m. & 3,930,000a)	6,411,000	7*	May & Nov.	N. Y. L. & F.	1899	....	2d Mortgage for \$1,000,000.....	878,000	8	April & Oct.	"	1900	....
1st Mort. (1,000,000 acres).....	187,000	7*	March & Sept.	N. Y. & St. Lo.	71-76	....	Louisville Loan.....	100,000	6	Jan. & July.	"	1881	....
1st Mort. (2,000,000 acres) gold....	1,722,250	7*	Jan. & July.	N. Y. L. & F.	1880	....	1st Mort. (Louisville & Frankft.)	39,000	6	"	"	73-78	....
2d Mort. (") gold.....	1,600,000	7*	March & Sept.	"	1886	....	1st Mort. (Louis., Cin. and Lex.)	21,000	8	April & Oct.	"	1902	....
1st Mort. (Leavenworth Branch)	600,000	7*	May & Nov.	N. Y. & St. Lo.	1893	....	1st Mortgage (Shelby R. R.)....	55,500	8	June & Dec.	"	1881	....
2d Mortgage (Gov't Subsidy)....	6,305,000	6	Jan. & July.	U. S. Treas.	96-97	....	Louisville and Nashville:						
3d Mortgage (Income).....	4,278,350	7	March & Sept.	N. Y. L. & F.	1916	....	1st Mortgage (main line 185 m.)	176,000	7	Jan. & July.	New York.	1878	....
Kent County (Del.)							1st Mortgage (Memp Br. 46.37m.)	47,000	7	May & Nov.	Louisville.	1878	....
1st Mortgage for \$900,000.....	400,000	6	Jan. & July.	Philadelphia.	1880	....	1st Mort. (Leb. Br. Ext. 73.2m.)	88,000	7	"	"	80-85	....
Kentucky Central:							1st Mort. (Memphis and Ohio)...	3,500,000	7	June & Dec.	New York.	1901	....
2d Mort. (Covington & Lexington)	844,000	7	March & Sept.	New York.	1883	....	1st Mort. (Memp. & Clarksv. Br.)	2,425,000	6*	Feb. & Aug.	"	1902	....
3d Mortgage.....	237,000	7	June & Dec.	"	1885	....	Consol. M. for \$5,000,000 (392 m.)	6,964,000	7	April & Oct.	"	1896	93 1/2
Keokuk and Des Moines:							Louisville Loan.....	849,000	6	"	"	90-97	....
1st Mortgage.....	1,947,000	7	April & Oct.	New York.	1904	....	Louisville Loan (Lebanon Br.)	225,600	6	May & Nov.	"	1886	....
Funded Interest.....	254,300	8	"	"	1884	....	Louisv. Loan (Leb. Br. Extension)	333,000	6	April & Oct.	Louisville.	1893	....
Keokuk and St. Paul (C.B. & Q.):							Louisv., N. Al. & St. Lo. Air-Line:						
1st Mortgage traffic guar.....	864,000	8	April & Oct.	Boston.	1879	105	1st Mortgage gold, \$25,000 p. m.	2,575,000	7*	Jan. & July.	New York.	1892	....
La Crosse, Trempealeau & Prescott:							1st Mortgage end by Ga. R. R..	300,000	7	Jan. & July.	New York.	1877	....
1st Mort. assumed by C. & N. W.	1,000,000	10	April & Oct.	New York.	1877	....	1st Mortgage not endorsed.....	100,000	7	"	"	1887	....
Laif, Blooming. & Miss. (T.W. & W.):							Construct. Mort. end by Ga. R.R.	370,000	7	"	"	1879	....
1st Mortgage gold guar.....	1,300,000	7*	Feb. & Aug.	New York.	1891	70	Macon and Brunswick:						
Laif, Muncie & Bloom. (T.W. & W.):							1st Mort. endorsed by Ga.....	1,900,000	7	Jan. & July.	New York.	1887	....
1st Mortgage gold guar.....	1,500,000	7*	Feb. & Aug.	New York.	1901	40	1st Mort. " " " " " "	600,000	7	May & Nov.	"	1900	....
Lake Erie and Louisville:							2d Mortgage.....	1,100,000	7	April & Oct.	"	1889	....
1st Mortgage.....	1,092,000	7	April & Oct.	New York.	1892	....	Equipment Mortgage.....	150,000	7	"	"	1879	....
2d Mortgage.....	590,000	7	Jan. & July.	"	1903	....	Madison and Portage:						
Lake Ontario Shore:							1st Mort., guar. by Chl. and Sup.	600,000	7	April & Oct.	New York.	1890	....
1st Mortgage (\$20,000 pr. m.)...	1,438,200	7*	Jan. & July.	New York.	1897	....	Maine Central:						
Lake Shore & Michigan South'n:							Consolidated Mortgage.....	1,680,500	6	April & Oct.	Boston.	1912	85
Sinking Fund Mortgage.....	1,198,000	7	April & Oct.	New York.	1879	....	\$1,100,000 Loan, tax free.....	756,900	6	Jan. & July.	"	1893	91
Consol. Mort., S.F., Reg'd.....	6,115,000	7	J. A. J. & O.	"	1900	106	Extension (gold) Loan.....	498,500	6	April & Oct.	"	1900	....
Consol. Mort., S.F., Coupon.....	8,471,000	7	Jan. & July.	"	1900	107	1st Mort. (Belfast & Moosehead)	150,000	3*	May & Nov.	Belfast & Bost.	1890	....
2d Consol. Mort. for \$25,000,000.	3,529,000	7	June & Dec.	"	1903								

AMERICAN RAILROAD BOND LIST.

An Asterisk (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Minneapolis & S.L. (Nor. Pacifc)	\$ 700,000	7*	Jan. & July.	New York.	1911	....	N.O. Jack. & G.N. (N.O. St.L. & C.):	\$ 3,000,000	8	Jan. & July.	New York.	1896	....
1st Mortgage gold, guaranteed..	700,000	7*	Jan. & July.	Detroit.	1890	....	1st Mortgage.....	1,500,000	8	April & Oct.	"	1890	....
Minnesota and North Western:							2d Mortgage for \$3,000,000.....	3,000,000	7*	Jan. & July.	"	1912	....
1st Mort. gold, skg fd & tax free	20,000pm	7*	Jan. & July.	"	1890	....	Consol. Mort. for \$3,000,000.....	4,000,000	7*	Jan. & July.	N. Y. & Lond.	1915	....
Mississippi Cent. (N.O. St.L. & Chi.):							New Orleans, Mobile and Texas:	7,250,000	8	"	"	1915	....
1st Mortgage.....	1,012,500	7	May & Nov.	New York.	'74-'84	....	1st Mort. (Mobile to N. Orleans)	2,825,000	8	"	"	1915	....
2d Mortgage.....	2,000,000	8	Feb. & Aug.	"	1885	....	1st Mort. (N. Orleans to Texas)						
General Mort. for \$3,000,000 gold	3,708,500	7*	May & Nov.	"	1912	....	2d Mort. endorsed by Louisiana.						
Mississippi, Ouachita & Red Riv.:							New York, Boston and Montreal:						
1st Mortgage gold.....	2,010,000	7*	Jan. & July.	"	1900	....	1st Mortgage for \$12,250,000.....	6,417,500	7*	Feb. & Aug.	N.Y. or Lond.	1903	....
Mississippi and Tennessee:							New York & Canada (D. & H.C.):						
1st Mortgage.....	600,000	7	April & Oct.	Memphis.	1876	....	1st Mort. for \$800,000, guar.....	4,000,000	6*	May & Nov.	London.	1904	....
Consolidated Mortgage.....	1,254,000	8	Jan. & July.	"	'81-'93	....	New York Central & Hudson R.:						
Tennessee State Loan.....	430,547	6	"	"	"	....	Debt Certificates (N. Y. Cent.)	5,934,826	6	May & Nov.	New York.	1883	1041
Mississippi Valley and Western:							Bonds for debts assum'd (N. Y. C.)	1,514,000	7	Feb. & Aug.	"	1876	1021
1st Mortgage \$20,000 p. m.....	800,000	7	Feb. & Aug.	New York.	1902	....	Bonds for R. & N. F. stks (")	76,000	6	May & Nov.	"	1883	"
Missouri, Iowa and Nebraska:							Bonds for R. R. Stocks (")	592,000	6	"	"	1883	1024
1st Mortgage gold, sinking fund.	2,000,000	7*	June & Dec.	"	1910	....	Bonds for Real Estate (")	165,000	6	"	"	1883	101
Missouri, Kansas and Texas:							Bonds of 1854 renewed (")	2,900,000	6	June & Dec.	"	1887	1041
1st Mort. (U. Pac. S. Br.) skg fund	3,220,000	6*	Jan. & July.	New York.	1899	....	2d Mort. (Hudson River) S. F.....	1,594,000	7	"	"	1885	112
1st Mort. (Tubo & Neosho) S. F.....	362,000	7*	June & Dec.	"	1903	....	Bonds of 1871, tax free.....	1,950,000	7	April & Oct.	"	1891	"
Consol. Land Grant, skg fd gold	10,418,000	7*	Feb. & Aug.	"	1904	59	1st Mort., coup. for \$30,000,000	18,465,000	7	Jan. & July.	"	1903	1181
Additional Consol. Mort.....	2,500,000	7	"	"	1905	....	1st Mort., reg'd for \$2,000,000	9,733,333	6*	"	London.	1903	....
Further Add. Consol. Mort.....	600,000	7	"	"	1906	....	1st Mort. Sterling for £2,000,000						
Missouri River, Ft. Scott & Gulf:							New York and Harlem:						
1st Mortgage, Land Grant, S. F.....	5,000,000	10	Jan. & July.	New York.	1899	55	Consolidated Mortgage of 1863..	108,000	6	Feb. & Aug.	New York.	1893	....
2d Mortgage.....	2,000,000	10	April & Oct.	N. Y. & Bos.	1890	....	Sinking Fund Mortgage of 1861.	108,444	7	Jan. & July.	"	1881	....
Mobile and Girard:							Consol. Mort. of 1872, coupon.	10,500,000	7	May & Nov.	"	1900	1201
1st Mortgage.....	377,500	7	Jan. & July.	Savannah.	1876	....	Consol. Mort. of 1872, reg.....	"	7	"	"	1900	1204
2d Mortgage.....	200,000	8	"	New York.	1889	....	N. York, Housatonic & Northern:						
Plain bonds.....	33,500	8	"	Savannah.	1887	....	1st Mortgage.....	249,000	7*	April & Oct.	New York.	1902	....
Mobile and Montgomery:							New York, Kingston & Syracuse:						
1st Mort. endor. by State of Ala.	2,434,000	8*	May & Nov.	New York.	1900	....	1st Mort. for \$4,000,000.....	2,500,000	7*	Jan. & July.	New York.	1902	..
2d Mortgage.....	800,000	8	"	"	1900	....	New York, N. Haven & Hartford:						
Mobile and Ohio:							1st Mort. (Harlem & Portchester)	1,000,000	7	"	New York.	1903	....
1st Mortgage Sterling.....	5,638,000	6*	May & Nov.	Mob. & Lond.	1883	....	New York and Oswego Midland:						
Interest bonds.....	1,524,300	8	"	Mobile.	'76-'83	....	1st Mortgage gold, tax free.....	8,000,000	7*	Jan. & July.	New York.	1894	....
Sterling Interest bonds.....	769,920	6*	"	London.	1883	....	2d Mortgage convertible.....	2,500,000	7	May & Nov.	"	1895	....
Tennessee Substitution Bonds.....	1,688,000	7*	Jan. & July.	N.Y. & Lond.	1901	....	2d Mortgage non-convertible.....	1,500,000	7	"	"	1896	....
Special Mort. (Gainesville Br).....	53,000	8	May & Nov.	Mobile.	1877	....	3d Mort., Equipment.....	3,800,000	7	"	"	....	....
2d Mortgage.....	1,453,858	8	March.	"	1877	....	1st Mort., (West. Extension).....	2,425,000	7	"	"	....	....
Consol. Mort. for \$15,000,000.....	"	7*	Jan. & July.	N.Y. & Lond.	1904	....	Consolidated Mortgage.....	1,200,000	7	"	"	....	....
Convertible 3 per cent. bonds.....	977,550	8	M. J. S. & D.	New York.	....	....	New York, Providence & Boston:						
Montclair (N. Y. and O. Mid.):							1st Mortgage.....	76,000	8	Feb. & Aug.	New York.	1878	....
1st Mortgage gold, guar.....	1,800,000	7*	March & Sept.	New York.	....	....	Improvement Bonds.....	100,000	7	Jan. & July.	"	1876	....
2d Mortgage.....	750,000	7	"	"	....	....	Extension Bonds.....	250,000	6	May & Nov.	"	'78-'81	....
Income Mortgage.....	888,400	7	"	"	....	....	General Mort. for \$1,000,000.....	337,000	7	Jan. & July.	"	1899	....
Montgomery and Erie (Erie):							Norfolk & Petersburg (A.M. & O.):						
1st Mortgage.....	127,000	7	May & Nov.	New York.	1888	....	1st Mortgage.....	306,000	8	Jan. & July.	New York.	1877	....
2d Mortgage.....	47,000	7	April & Oct.	"	1887	....	1st Mortgage.....	157,000	7	"	"	1877	....
Montgomery and Bufala:							2d Mortgage.....	458,000	8	"	Norfolk.	1893	....
1st Mortgage end. by Ala. gold.	1,040,000	8*	March & Sept.	New York.	1888	....	North Carolina:						
1st Mortgage not endorsed.....	350,000	8	June and Dec.	"	1900	..	1st Mortgage.....	375,000	8	May & Nov.	Co's Shops, N.C.	1878	....
Monticello and Port Jervis:							North Eastern (S. Car.):						
1st Mortgage gold, tax free.....	500,000	7*	J. A. J. & O.	New York.	1890	....	1st Mortgage.....	820,000	8	March & Sept.	Charleston.	1899	....
Morris and Essex (D. L. & W.):							2d Mortgage.....	226,500	8	"	"	1899	....
1st Mortgage sinking fund, guar.	5,000,000	7	May & Nov.	New York.	1914	116	North Missouri (St. L., K. C. & N.):						
2d Mortgage guar.....	3,000,000	7	Feb. & Aug.	"	1891	104	1st Mortgage.....	3,000,000	7	Jan. & July.	New York.	1905	971
Convertible bonds.....	354,600	7	Jan. & July.	"	1900	100	North Pennsylvania:						
Construction bonds.....	573,000	7	Feb. and Aug.	"	1889	103	1st Mortgage.....	1,930,500	6	Jan. & July.	Philadelphia.	1885	105
Gen'l M. (1st on Boonton Br. gr.)	4,821,000	7	April & Oct.	"	1901	104	2d Mortgage.....	1,500,000	7	May & Nov.	"	1896	110
Special Mortgage.....	1,029,000	7	"	"	"	....	Chattel Mortgage.....	360,000	10	April & Oct.	"	1877	163
Consol. mort. for \$25,000,000 guar	3,000,000	7	June & Dec.	"	1915	98	General Mortgage.....	2,035,000	7	Jan. & July.	"	1903	167
Nashville, Chattanooga & St. Louis:							North Shore (Flush., N.S. & Cent):						
1st Mort., endorsed by Tenn.....	1,450,000	6	Jan. & July.	New York.	'74-'83	821	1st Mortgage.....	135,000	7	Feb. & Aug.	New York.	1887	....
2d Mort. (Government Subsidy)	1,000,000	4	"	"	'81-'91	....	Northern Central:						
New Mortgage.....	5,800,000	7	"	"	1913	....	1st Mortgage, Md. State loan.....	1,500,000	6	J. A. J. & O.	Annapolis.	Irred.	1041
Nashville and Decatur (L. & Nash.):							2d Mortgage S. F. Coupon.....	1,490,000	6	Jan. & July.	Baltimore.	1885	1041
1st Mortgage sinking fund, guar.	2,100,000	7	Jan. & July.	New York.	1900	89	3d Mortgage Coupon.....	1,126,000	6	April & Oct.	Phila. & Balt.	1900	104
2d Mortgage gold.....	500,000	6*	April & Oct.	Nashville.	1887	....	2d Mort. (York & Camb.) guar.	500,000	6	Jan. & July.	Baltimore.	1877	101
Nashua and Lowell:							Income conv. coupon.....	1,000,000	7	April & Oct.	Harrisburg.	1880	....
Bonds for freight depot.....	200,000	6*	Feb. & Aug.	Boston.	1892	....	Income coupon.....	3,000,000	7	Jan. & July.	"	1922	....
Newark & New York (C. of N. J.):							Consol. Mort. coupon.....	2,599,000	6*	"	Baltimore.	1900	1024
1st Mortgage guar.....	600,000	7	Jan. & July.	New York.	1891	....	Consol. Mort. registered.....	205,000	6*	April & Oct.	"	1900	....
Newark, Somerset & Strattsville:							Consol. General Mort. S. F.....	2,964,000	6*	Jan. & July.	Lond. & Balt.	1904	....
1st Mortgage gold.....	800,000	7*	May & Nov.	New York.	1889	971	Northern New Jersey (Erie):						
New Bedford:							1st Mortgage skg fd guar.....	400,000	7	Jan. & July.	Jersey City.	1878	....
1st Mort. (New Bed. & Taunton)	171,500	6	Jan. & July.	Boston.	1881	981	Northern Pacific:						
New Issue for \$360,000.....	400,000	7	"	"	1894	105	1st Mort. on R.R. & lands gold.....	30,097,600	7.3*	Jan. & July.	New York.	1900	15
New Haven and Derby:							Northwestern Virginia:						
1st Mortgage.....	525,000	7	Various.	New Haven.	'98-'00	....	3d Mort., assumed by B. and O.	140,000	6	Jan. & July.	Baltimore.	1885	97
New H. Middlet'n & Willman:							Northwestern Union (C. & N.W.):						
1st Mortgage (coup. & reg.).....	3,000,000	7	May & Nov.	New York.	1889	....	1st Mortgage.....	3,500,000	7*	"	New York.	....	....
2d Mortgage.....	2,000,000	7	"	"	1881	....	Norwich & Worcester (B.H. & E.):						
New Haven and Northampton:							1st Mort. Mass. Loan, skg. fd.....	400,000	6*	Jan. & July.	Boston.	1877	....
1st Mortgage.....	1,000,000	7	Jan. & July.	N. Y. & N. H.	1899	....	Construction Bonds.....	150,000	7	"	"		

AMERICAN RAILROAD BOND LIST.

An Asterisk (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Old Colony:							Philadelphia, Wilmington & Balt:						
Plain Bonds.....	1,000,000	6	March & Sept.	Boston.	1876	105 1/2	Mortgage Loan, convertible....	250,000	6	Jan. & July.	Phila. & Bost.	1884	101 1/2
Plain Bonds.....	32,000	5	"	"	1884	99 1/2	Loan of 1886.....	161,000	6	April & Oct.	"	1876	101 1/2
Plain Bonds.....	1,450,000	7	Feb. & Aug.	"	1877	101 1/2	Loan of 1887.....	1,000,000	6	"	"	1887	101 1/2
New Bonds for \$3,000,000.....	1,692,000	7	March & Sept.	"	1894	111	Loan of 1872.....	700,000	6	"	"	1882	101 1/2
Cape Cod Railroad Bonds.....	265,500	7	Feb. and Aug.	"	1881	105 1/2	Loan of 1875.....	639,000	6	"	"	1900	101 1/2
Omaha and Northwestern:							Pickering Valley (Phila. & Rdg):						
1st Mort. Land Grant, Gold.....	16,000 pm	7 3/4	Jan. & July.	New York.	1901	100	1st Mortgage, guaranteed.....	331,800	7	April & Oct.	Philadelphia.	1900	100
Omaha and Southwestern:							Pittsburg, Cin. & St. Louis (Pa.):						
1st Mortgage \$20,000 p. m.....	1,034,000	8	June & Dec.	Boston.	1896	102 1/2	1st Mort. (Col. & Newark Div.).....	775,000	7	Jan. & July.	Philadelphia.	1890	100
Orange, Alex. and Manassas—							1st Mort. (Steub. & Ind.) conv.....	3,000,000	6	Monthly.	New York.	1884	84 1/2
See Wash. C. Va. Mid. & Gt. So.							Consol. Mortgage for \$10,000,000.....	6,222,000	7	Feb. & Aug.	Philadelphia.	1890	81 1/2
Oregon and California:							Consolidated 2d Mortgage.....	5,000,000	7	April & Oct.	"	1913	100
1st Mortgage gold.....	10,950,000	7 1/2	April & Oct.	New York.	1901	100	Pittsburg, Ft. Wayne & Chicago:						
Osage Valley & Southern Kansas:							1st Mortgage (Series A).....	875,000	7	Jan. & July.	New York.	1912	120
1st Mortgage (5-20 years).....	200,000	10	Jan. & July.	New York.	1888	100	1st Mortgage (Series B).....	875,000	7	Feb. & Aug.	"	1912	100
Oshkosh & Miss. (C., M. & S. P.):							1st Mortgage (Series C).....	875,000	7	March & Sept.	"	1912	100
1st Mortgage.....	240,000	8	Jan. & July.	New York.	1891	100	1st Mortgage (Series D).....	875,000	7	April & Oct.	"	1912	100
Oswego and Rome (B. W. & O.):							1st Mortgage (Series E).....	875,000	7	May & Nov.	"	1912	100
1st Mortgage.....	500,000	7	May & Nov.	New York.	1916	100	1st Mortgage (Series F).....	875,000	7	June & Dec.	"	1912	100
Income Mortgage.....	112,100	6	Feb. & Aug.	"	1891	100	2d Mortgage (Series G).....	800,000	7	Jan. & July.	"	1912	110
Oswego and Syracuse (D. L. & W.):							2d Mortgage (Series H).....	800,000	7	Feb. & Aug.	"	1912	100
1st Mortgage, guaranteed.....	201,000	7	May & Nov.	New York.	1885	100	2d Mortgage (Series I).....	800,000	7	March & Sept.	"	1912	100
Ottawa, Oswego & Fox River:							2d Mortgage (Series K).....	800,000	7	April & Oct.	"	1912	100
1st Mortgage guar. by O., B. & Q.	1,131,000	8	Jan. & July.	N.Y. & Bost.	1900	106	2d Mortgage (Series L).....	800,000	7	May & Nov.	"	1912	100
Owensboro and Russellville.....	1,500,000	8	Feb. & Aug.	New York.	1892	100	2d Mortgage (Series M).....	800,000	7	June & Dec.	"	1912	100
Pacific of Missouri (Atl. & Pac.):							2d Mortgage.....	2,000,000	7	April & Oct.	"	1912	103 1/2
1st Mortgage gold.....	7,000,000	6 1/2	Feb. & Aug.	New York.	1888	94	Constructive bonds of Jan. 1, 1900	100,000	7	Jan. & July.	New York.	1887	100
2d Mortgage sinking fund.....	2,804,000	7	Jan. & July.	"	1891	83 1/2	Equipment bonds.....	1,000,000	8	March & Sept.	"	1884	100
Income Bonds.....	1,500,000	7	Mar. and Sept.	"	1892	100	Pittsburg, Va. and Charleston:						
St. Louis County Debt.....	700,800	7	Monthly.	St. Louis.	1885	100	1st Mortgage.....	700,000	7	April & Oct.	New York.	1902	100
Real Estate Bonds.....	800,000	8	May & Nov.	New York.	1892	100	Pittsburg, Wash. & Baltimore:						
1st Mort. (Carondelet Branch).....	500,000	6 1/2	April & Oct.	"	1893	100	1st Mort. (Pittsb. & Conn.) gold.....	4,000,000	7	Jan. & July.	Baltimore.	1898	103 1/2
1st Mort. (Leav., Atch. & N. W.)	500,000	7	"	"	1889	100	2d Mort. do. (Balt. Loan).....	5,000,000	6	May & Nov.	"	1902	100
1st Mort. (Lex. & St. Louis) gold	900,000	6 1/2	June & Dec.	"	1899	100	1st Mort. (Turtle Cr. Div. 10 1/2 m)	400,000	6	Feb. & Aug.	Pittsburg.	1889	100
Paducah and Memphis:							Real Estate Mortgage.....	100,000	6	"	Baltimore.	1883	100
1st Mortgage gold for \$2,805,000.	1,541,000	7 1/2	Feb. & Aug.	New York.	1902	100	Plymouth, Kankakee & Pacific:						
Panama.....	2,889,330	7 1/2	April & Oct.	London.	1897	100	1st Mortgage for \$3,000,000.....	30,000 pm	7 1/2	Jan. & July.	New York.	1901	100
General Mortgage, stg £597,800.	1,200,000	7 1/2	Jan. & July.	N. Y. & Lond.	1892	100	Port Huron and Lake Michigan:						
Paris and Decatur:							1st Mortgage gold, for \$1,800,000	1,800,000	7	May & Nov.	New York.	1890	100
1st Mortgage gold, S. F.	500,000	7	Jan. & July.	New York.	1878	100	Portland & Ogden (Me. & N. H.):						
Paterson and Newark (Erie):							1st Mort. (Maine Section) gold.....	800,000	6 1/2	Jan. & July.	Boston.	1900	100
1st Mortgage guaranteed.....	1,076,000	7	Feb. & Aug.	New York.	1900	100	Consol. Mort. gold, for \$3,300,000	249,000	6 1/2	May & Nov.	"	1901	50 1/2
Pekin, Linc. & Decatur (T.W. & W.):							Portland and Ogdenburg (Vt.):						
1st Mortgage guaranteed.....	180,000	7	Jan. & July.	Philadelphia.	1889	100	1st Mortgage gold, for \$2,300,000	1,200,000	6 1/2	May & Nov.	N.Y. & Bost.	1891	46 1/2
Pemberton & Hights (UC of N.J.):							Portland and Oxford Central:						
1st Mortgage guaranteed.....	1,800,000	7 1/2	May & Nov.	N.Y. or Lond.	1899	100	1st Mortgage of 1893.....	250,000	6	Jan. & July.	Portland.	1883	100
1st Mortgage gold (S.F.) 1st series	979,000	7 1/2	"	"	1900	100	Portland and Rochester:						
1st Mortgage gold (S.F.) 2d series	4,970,000	6	Jan. & July.	Philadelphia.	1880	106 1/2	1st Mort. (Portland Loan) skg fd	700,000	6	Jan. & July.	Boston.	1887	100
General Mortgage.....	19,909,760	6	J. A. J. & O.	Philadelphia.	1910	106 1/2	1st Mortgage (equal ten).....	100,000	7	April & Oct.	"	1887	100
Consolidated Mortgage.....	29,250,000	6	Jan. & July.	London.	1905	160	2d Mort. (Portland Loan).....	396,500	6	Mar. & Sept.	"	1891	100
State lien for \$7,500,000, skg fd	5,007,365	5	April & Oct.	Philadelphia.	78-90	100	Port Royal (S. C.):						
Pennsylvania Coal:							1st Mortgage gold, skg fd.....	1,500,000	7 1/2	May & Nov.	N.Y. & Lond.	1889	100
1st Mortgage.....	487,500	7	Feb. and Aug.	New York.	1881	100	1st Mort. gold, guar. by Ga. Co.	1,000,000	7 1/2	"	"	1889	100
Pennsylvania and Delaware:							Portsmouth, Gt. Falls & Conway:						
1st Mortgage.....	1,083,000	7	Feb. & Aug.	Philadelphia.	1903	100	1st Mort. guar. by Eastern R.R.	514,000	7	June and Dec.	Boston.	1893	82 1/2
2d Mortgage.....	519,000	7	April & Oct.	"	1903	100	Poughkeepsie and Eastern:						
Pennsylvania & New York (L.V.):							1st Mort. gold, conv. & tax free..	644,500	7 1/2	Jan. & July.	New York.	1910	100
1st Mortgage guaranteed.....	1,500,000	7	June & Dec.	Philadelphia.	1896	110	2d Mortgage.....	78,000	7	"	"	100	100
1st Mortgage guaranteed.....	1,500,000	7	"	"	1906	100	Providence and Worcester:						
Peoria & Bureau Val (C.R.I. & P.):							1st Mortgage.....	500,000	6	Jan. & July.	Providence.	1890	100
1st Mortgage guaranteed.....	600,000	8	Jan. & July.	New York.	1877	100	Stoughton Branch bonds.....	1,000,000	6	"	"	100	100
Peoria & Hannibal (C. B. & Q.):							Quincy, Alton and St. Louis:						
1st Mortgage, traffic guarantee..	571,000	8	Jan. & July.	Boston.	1878	104	1st Mortgage gold.....	1,000,000	7 1/2	May & Nov.	Philadelphia.	1882	100
Peoria, Pekin and Jacksonville:							Quincy and Palmyra:						
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1894	100	1st Mort. assumed by H. & St. Jo.	500,000	8	Feb. & Aug.	New York.	1892	100
2d Mort. conv., and tax free.....	1,000,000	7	April & Oct.	"	1900	100	Quincy and Toledo (T. W. & W.):						
Peoria and Rock Island:							1st Mortgage, guaranteed.....	500,000	7	May & Nov.	New York.	1890	50
1st Mortgage gold, conv. & tax free.	1,500,000	7 1/2	Feb. & Aug.	N.Y. & Lond.	1900	100	Quincy & Warsaw (C. B. & Q.):						
2d Mortgage.....	150,000	10	Jan. & July.	New York.	1900	100	1st Mortgage guaranteed.....	756,000	8	Jan. & July.	Boston.	1890	105 1/2
1st Mortgage (Phila. and Rdg):							Reading and Columbia (P. & R.):						
1st Mortgage, guaranteed.....	619,000	6	April & Oct.	Philadelphia.	1897	90	1st Mort., Coupon, guaranteed..	650,000	7	March & Sept.	New York.	1882	97 1/2
Petersburg:							2d Mort., Coupon, guaranteed..	350,000	7	June & Dec.	Columbia.	1884	100
1st Mortgage (instalments).....	341,500	8	Jan. & July.	New York.	79-98	100	Rensselaer and Saratoga:						
2d Mortgage.....	500,000	8	"	"	1902	100	1st Mortgage.....	300,000	7	Jan. & July.	Troy.	1880	117 1/2
Philadelphia and Baltimore Cent:							2d Mortgage.....	150,000	7	"	"	1887	100
1st Mortgage (Penn. Div. 36 1/2 m.)	800,000	7	Jan. & July.	Philadelphia.	1879	100	1st Mort. (Saratoga & Whitehall)	400,000	7	March & Sept.	New York.	1886	100
1st Mortgage (Md. Div. 9 1/2 m.)	300,000	6	"	"	1891	100	1st Mort. (Troy, Salem & Rutl.)	500,000	7	May and Nov.	"	1890	100
2d Mortgage (Pa. & Md. 46 m.)	400,000	7	"	"	1900	100	1st Mortgage (Glenn's Falls).....	125,000	7	Jan. & July.	"	1894	100
Philadelphia and Erie (Penn.):							Consol. Mort. for \$2,000,000.....	1,025,000	7	May and Nov.	"	1921	62 1/2
1st Mort. (Sunbury & Erie 40m)	1,000,000	7	Apr. and Oct.	Philadelphia.	1877	102 1/2	Richmond and Danville:						
1st Mortgage.....	5,000,000	6	"	"	1883	95 1/2	1st Mortgage.....	600,000	6	Jan. & July.	Richmond.	1880	100
General Mort. for \$20,000,000.....	7,852,000	6 1/2	Jan. & July.	Phil. or Lond.	1920	100	Virginia State loan, skg fund..	157,800	6	"	"	1875	100

AMERICAN RAILROAD BOND LIST.

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Saginaw Valley and St. Louis:	\$						South Carolina:	\$					
1st Mortgage.....	340,000	8	May & Nov.	Saginaw.	1892	....	1st Mortgage Sterling.....	1,480,333	5*	Jan. & July.	London.	'82-'88	....
Saint Croix and Penobscot:							1st Mortgage (L.) currency.....	897,000	7	"	New York.	'82-'88	....
1st Mort. (Cal. & Baring).....	95,200	6	Jan. & July.	Calais, Me.	1879	....	2d Mort. for \$3,000,000.....	615,500	7	April & Oct.	"	1902	....
2d Mort. (").....	17,500	6	"	"	1879	....	Domestic (G) Bonds.....	111,000	6	Jan. & July.	Charleston.	1874	....
Calais Loan (Lewsey's Island)...	115,000	6	June & Dec.	"	1876	....	Domestic (I) Bonds.....	1,280,500	7	April & Oct.	"	1891	....
St. Joseph & Denver City:							Domestic (K) Bonds.....	75,000	6	Jan. & July.	"	'80-'92	....
1st Mort. (E. D.) gold tax free...	1,500,000	8*	Feb. & Aug.	N. Y. & Lond.	1899	....	South Georgia and Florida:						
1st M. (W. Dyland grant, g'd tax free)	6,000,000	8*	"	"	1900	....	1st Mort. assumed by Atl. & Gulf	464,000	7	May & Nov.	New York.	1888	....
St. Joseph and St. Louis:							2d Mort.	200,000	7	"	"	1889	....
1st Mortgage.....	1,000,000	6	May & Nov.	New York.	1893	....	South Mountain Iron (Cumb. Val):						
St. Louis, Alton and Terre Haute:							1st Mortgage guaranteed.....	200,000	6	June & Dec.	Philadelphia.	1888	....
1st Mortgage skg f'd. (Series A)	1,100,000	7	Jan. & July.	New York.	1894	107 1/2	2d Mortgage for \$200,000.....	177,500	7	March & Sept.	"	1884	....
1st Mortgage skg f'd. (Series B)	1,100,000	7	April & Oct.	"	1894	109	South and North Alabama:						
1st Mortgage preferred (Series C)	1,400,000	7	Feb. & Aug.	"	1894	59	1st Mort. endor. by Ala. gold...	391,000	8*	Jan. & July.	New York.	1890	....
2d Mortgage preferred (Series D)	1,400,000	7	May & Nov.	"	1894	70	Sterling Mort. guar. by L. & N.	1,106,000	...	May & Nov.	London.	....	....
2d Mortgage Income (Series E)	1,700,000	7	"	"	1894	70	South Pacific (Atl. and Pac.)						
Equipment Mortgage.....	300,000	10	March & Sept.	"	1894	....	1st Mortgage gold, assumed.....	7,188,500	6*	Jan. & July.	New York.	1888	70
St. Louis, Iron Mt. and Southern:							South Shore (Mass.):						
1st Mort. (St. Louis & Iron Mt.)	4,000,000	7	Feb. & Aug.	New York.	1892	97	1st Mortgage, sinking fund.....	150,000	6	April & Oct.	Boston.	'80-'81	99 1/2
2d Mort. (").....	6,000,000	7*	May & Nov.	"	1897	73	South Side, Vt., M. and O.):						
1st Mort. L.G. (Arkansas Br'h)	2,500,000	7*	June & Dec.	"	1897	....	1st preferred bonds.....	675,000	8	Jan. & July.	New York.	'84-'90	....
1st Mort. (Calo, Ark. & Tex.)	1,500,000	7*	"	"	1897	....	2d preferred bonds.....	621,000	6	"	"	'84-'90	....
Consolidated Mortgage.....	1,500,000	7	"	"	1899	....	3d preferred bonds.....	452,800	6	"	"	'84-'90	....
St. Louis, Jacksonville & Chicago:							Southern Central (N.Y.):						
1st Mortgage.....	2,920,000	7	April & Oct.	New York.	1894	....	1st Mortgage, skg fund conv.....	1,500,000	7	Feb. & Aug.	New York.	1890	....
2d Mortgage.....	548,000	7	Jan. & July.	"	1898	....	2d Mortgage.....	800,000	7*	March & Sept.	"	1882	103
St. Louis, Kansas City & North:							Southern Iowa and Cedar Rapids:						
1st Mortgage (North Missouri)	6,000,000	7	Jan. & July.	New York.	1895	97 1/2	1st Mortgage gold.....	1,500,000	7*	May & Nov.	New York.	1900	....
Real estate & 2d M. for \$3,900,000	993,000	7	March & Sept.	"	1899	....	Southern of L. I.:						
St. Louis, Lawrence and Denver:							1st Mortgage.....	750,000	7	March & Sept.	New York.	1887	....
1st Mort. guar. by Atl. and Pac.	1,020,000	6*	Jan. & July.	New York.	1901	....	2d Mort. Sink. Fund.....	1,500,000	7	May & Nov.	"	....	80
St. Louis and South Eastern:							Southern Minnesota:						
1st Mort. gold skg fund conv.....	2,207,000	7	May & Nov.	New York.	1894	....	1st Mortgage land grant tax free	3,240,000	8	Apr. & Oct.	New York.	'78-'88	....
1st M. (Evans, D.) gold skg f'd. conv.	1,000,000	7	"	"	1896	....	2d Mortgage, land grant.....	1,252,000	7	Jan. & July.	"	1890	....
1st Mort. (Evans, Hen. & Naah.)	1,000,000	7	Jan. & July.	"	1897	....	Southern (Cal.) Pacific:						
Consol. Mort. Skg. Fund.....	2,000,000	7	Feb. & Aug.	"	1902	....	1st Mortgage gold for \$28,000,000.	11,000,000	6*	April & Oct.	New York.	....	....
St. Louis, Van. & T. H. (T.H. & L.):							Southern Pennsylvania:						
1st Mortgage, guaranteed.....	1,899,000	7	Jan. & July.	New York.	1897	....	1st Mortgage gold.....	625,000	7*	March & Sept.	Philadelphia.	1900	....
2d Mortgage, (A.) guaranteed.....	1,600,000	7	May & Nov.	"	1898	....	2d Mortgage gold.....	88,000	7*	"	"	1880	....
2d Mortgage (B.) convertible.....	1,000,000	7	"	"	1898	....	South Western (Cen. of Ga.):						
Income Mortgage.....	1,000,000	7	March 1.	Pittsburg.	1901	....	Plain Bonds, various conv.....	391,000	7	various.	Macon.	'72-'86	....
St. Paul and Iowa Southwestern:							1st Mortgage (Muscoogee) conv.....	300,000	7	"	"	'72-'76	....
1st Mortgage.....	4,500,000	7*	May & Nov.	....	1903	....	Spartanburg and Union:						
St. Paul and Pacific 1st Division:							1st Mortgage, end. by S. Car....	350,000	7	Jan. & July.	Charleston.	1879	....
1st Mort. (St. P. to St. Anth.) 10m.	120,000	8	March & Sept.	New York.	1892	....	1st Mortgage not endorsed.....	198,370	7	"	"	1879	....
1st M. (St. Paul to Wataba) 50m.	366,000	7	Jan. & July.	"	1892	....	Springfield, Athol & Northeastern:						
2d Mort. (do.) & 1st land gr.	1,145,750	7	June & Dec.	"	1892	....	1st Mortgage.....	416,000	7	Jan. & July.	Boston.	'83-'01	....
1st M. (Main L.) R.R. & Lands.	3,000,000	7*	May & Nov.	London.	....	....	Springfield & Illinois S. Eastern:						
2d M. (do.) R.R. & Lands.	8,600,000	7*	"	"	....	....	1st Mortgage gold, tax free.....	3,400,000	7*	Feb. & Aug.	New York.	1899	....
General Mortgage for \$15,000,000	....	7*	"	"	....	....	2d Mortgage gold, tax free.....	446,000	7*	April & Oct.	"	1900	....
St. Paul, Stillwater & Taylor's F.:							Springfield and Northwestern:						
1st Mortgage.....	450,000	8	Jan. & July.	New York.	1901	....	1st Mortgage gold, skg fund.....	500,000	7*	Feb. & Aug.	New York.	1901	....
Salem (West Jersey):							Staten Island:						
1st Mortgage guar.....	100,000	6	Jan. & July.	Philadelphia.	1878	....	1st Mortgage.....	200,000	7	Jan. & July.	New York.	1886	55
Salem and Lowell (R. & L.):							Standstead, Shefford and Chamblay:						
1st Mortgage.....	226,900	6	Feb. & Aug.	Boston.	1878	97	1st Mort., Guar. by Cent. Verm.	500,000	7	Jan. & July.	Boston.	1887	45
Stand, Mansfield & Newark (B. & O.)							Sullivan (Central Verm.):						
1st Mortgage guaranteed.....	2,301,000	7	Jan. & July.	New York.	1900	99	1st Mortgage.....	500,000	6	Jan. & July.	Boston.	1875	....
Saratoga & Whitehall (R. & S.):							2d Mortgage.....	250,000	6	Feb. & Aug.	"	1881	....
1st Mortgage, guaranteed.....	400,000	7	March & Sept.	New York.	1886	....	Sullivan and Erie:						
Savannah, Albany & Gulf (A & G):							1st Mortgage, skg fund.....	1,000,000	7	May & Nov.	New York.	1886	....
Sectional Mort.....	310,000	7	Jan. & July.	New York.	Var.	....	Summit Branch:						
Savannah and Charleston:							1st Mortgage.....	600,000	7	Jan. & July.	N.Y., Bost. Ph.	1904	85
1st Mortgage (Sav. & Char.)	500,000	7	Jan. & July.	New York.	1889	....	Sunbury and Lewiston:						
State guaranteed (C. & S.) bonds.	505,000	6	March & Sept.	Charleston.	1877	....	1st Mortgage gold.....	1,200,000	7*	April & Oct.	Philadelphia.	1890	....
Funded Interest bonds, guar.....	111,800	7	"	New York.	1889	....	Income Mort. gold.....	200,000	6*	"	"	1891	....
Savannah, Griffin & North Ala.:							1st Mortgage.....	1,000,000	7	.....	New York.	....	....
1st Mortgage for \$500,000 guar.....	152,000	7	Jan. & July.	Macon.	1891	....	Synagogue, Bing. & N.Y. (DL & W):						
Savannah and Memphis:							1st Mortgage.....	1,400,000	7	April & Oct.	New York.	1879	....
1st Mort., guar. endor. by State.	16,000pm	8*	May and Nov.	New York.	1890	....	2d Mortgage.....	270,000	7	June & Dec.	"	1887	....
Schenectady & Sarag. (D. & H. Can.):							Syracuse and Chenango Valley:						
1st Mortgage gold, tax free.....	400,000	7*	Jan. & July.	New York.	1900	....	1st Mort. gold, for \$600,000.....	500,000	7*	Feb. and Aug.	New York.	1891	....
Schoolcraft & Thre. R. (LS & MB):							Tobo and Neosho (M. & K. T.):						
1st Mortgage.....	100,000	8	Jan. & July.	New York.	1887	....	1st Mortgage gold, skg fund.....	1,163,000	7*	June & Dec.	New York.	1903	....
Seaboard and Beanoaks:							Terre Haute & Indianapolis:						
1st Mortgage.....	210,000	7	Jan. & July.	New York.	1880	....	1st Mortgage.....	800,000	7	April & Oct.	New York.	1879	....
Selma and Gulf:							Bonds of 1873 for \$1,600,000.....	516,000	7	"	"	1894	....
1st Mort. (guar. by Ala.).....	1,888,000	8	April & Oct.	New York.	1890	....	Texas and Pacific:						
Selma, Marion and Memphis:							1st Mortgage S. F. Gold.....	40,000pm	6*	June & Dec.	N.Y. or Lond.	1912	....
1st Mort. guar. by Ala.....	16,000pm	8	March & Sept.	New York.	1889	....	Toledo, Can. Southern & Detroit:						
Selma, Rome and Dalton:							1st Mortgage.....	1,350,000	7	Jan. and July.	....	1906	65
1st Mortgage, tax free.....	3,000,000	7	April & Oct.	New York.	1887	....	Toledo, Peoria and Warsaw:						
2d Mortgage.....	4,000,000	7	Jan. & July.	"	1891	....	1st Mortgage (Eastern Div.).....	1,000,000	7	June & Dec.	New York.	1894	87
Equipment Mortgage.....	290,000	10	"	"	1881	....	1st Mortgage (Western Div.).....	1,800,000	7	Feb. and Aug.	"	1896	85
Shamokin Valley & Pottav. (N.C.):							2d Mort. conv. (").....	1,300,000	7	April & Oct.	"	1886	45
1st Mortgage, on road and lands.	2,000,000	7*	Jan. & July.	Philadelphia.	1901	95	Equipment Mort. sinking fund.....	94,000	8	Jan. & July.	"	1879	....
Shesboygan and Fond du Lac:							Consol. Mort. for \$5,200,000.....	1,500,000	7	May & Nov.	"	1910	45
1st Mortgage.....	729,000	7	June & Dec.	New York.	1884	....	1st Mortgage (Burr. Branch).....	250,000	7	June & Dec.	"	1901	50
1st Mortgage extension.....	694,000	8	April & Oct.	"	1896	....	Toledo, Wabash and Western:						
Shenango and Allegheny:							1st Mort. (Toledo and Illinois)	900,000	7	Feb. and Aug.	New York.	1890	91
1st Mortgage for \$1,000,000.....	795,000	7	April & Oct.	New York.	1889	....	1st Mort. (L. Erie, Wab. & St. L.)	2,500,000	7	"	"	1890	91
Shespaug Valley (Ct.):							1st Mort. (Gt. West. Rwy. of '69)	2,500,000	7	"	"	1888	91 1/2
1st Mortgage.....	400,000	7	April & Oct.	New York.	1891	....	1st Mort. (Quincy and Toledo)	500,000	7	May & Nov.	"	1890	65
2d Mortgage.....	200,000	7	Jan. & July.	"	1902	....	1st Mort. Illa. & South'n Iowa)	300,000	7	Feb. and Aug.	"	1892	65
Shore Line (N. Y., N. H. & Hart.):							1st Mort. (Decatur & East St. L.)	2,700,000	7	F. M. A. & N.	"	1889	66
1st Mortgage construction.....	200,000	7	March & Sept.	Boston.	1880	....	2d Mort. (Toledo and Wabash)	1,000,000	7	May and Nov.	"	1878	67
Sioux City and St. Paul:							2d Mort. (Wabash & Western)	1,500,000	7	"	"	1878	67
1st Mortgage.....	1,240,000	8	May and Nov.	New York.	1901	....	2d Mort. (Gt. West. Rwy. of '69)	2,500,000	7	"	"	1893	60
Land Grant Mortgage gold.....	500,000	7*	"	"	1901	....	Equipment (Toledo & Wabash)	600,000	7	"	"	1883	....
2d Mortgage.....	450,000	8	"	"	....	....	Consol. S. F. 1st Mortgage.....	2,610,000	7	F. M. A. & N.	"	1907	24 1/2
Equipment bonds.....	105,000	10	"	"	....	....	Consol. 2d mort. gold.....	2,185,000	7*	Feb. and Aug.	"	1893	....
Sioux City and Pacific:							Traverse City (Gr. Rap. and Ind.):						
1st Mortgage gold.....	1,620,000	6*	Jan. & July.	New York.	1898	50 1/2	1st Mortgage.....	250,000	7	Feb. and Aug.	New York.	1902	....
2d Mort. (Gov. Salsbury).....	1,028,200	6	"	U.S. Treasury.	1898	....						

AMERICAN RAILROAD BOND LIST.

The Letter (a) affixed to Rate of Interest signifies "Payable in Gold."

Description of Bonds	Amount	Rate	Interest Payable.				Price				Description of Bonds	Amount	Rate	Interest Payable.				Price				
			When.	Where.	Due.									When.	Where.	Due.						
Troy & Bennington (T. & B.)	\$9,700	7	Jan. & July.	Troy.	1878						Western Maryland:											
1st Mortgage sfg fund, guar....	59,700	7	Jan. & July.	Troy.	1878						1st Mortgage, unendorsed.....	400,000	6	Jan. and July.	Baltimore.	1880						90
Troy and Boston.											1st Mort. endor. by Balt.....	200,000	6	"	"	1880						105
1st Mortgage.....	200,000	7	Jan. & July.	New York.	1887						2d Mort.....	300,000	6	"	"	1880						104
2d Mortgage.....	200,000	7	April & Oct.	"	1888						2d Mort. endor. by Wash. Co.....	300,000	6	"	"	1880						101
3d Mortgage.....	650,000	7	May and Nov.	"	1875						2d Mortgage preferred.....	600,000	6	"	"	1885						102
Convertible Bonds.....	648,000	7	"	"	1882						3d Mortgage endor. by Balt.....	875,000	6	"	"	1900						104
Troy, Salem & Rutland (R. & B. R.)											4th Mortgage.....	1,000,000	6	"	"	1900						
1st Mortgage, guaranteed.....	500,000	7	May and Nov.	New York.	1890						Western Pacific (Gen. Pac.):											
Troy Union (and Depot):											1st Mort. assumed.....	2,735,000	60	Jan. and July.	New York.	1895						101
1st Mortgage, guaranteed.....	680,000	6	Jan. & July.	New York.	1878						Western Pennsylvania (Penn.):											
Tuckerton:											1st Mortgage.....	800,000	6	Apr. and Oct.	Philadelphia.	1888						79
1st Mortgage.....	405,000	7	April & Oct.	Philadelphia.	1901						1st Mortgage (Pittsburg Branch).	1,000,000	6	Jan. and July.	"	1890						
Union Pacific:											General Mortgage.....	1,200,000	7	"	"	"						
1st Mortgage gold, tax free.....	27,325,000	60	Jan. & July.	N. Y. & Bos.	'96-'99	105					Western Union (Chl. M. & St. P.)											
1st Mort. Land Grant.....	1,832,000	7	Apr. and Oct.	"	1887	104					1st Mortgage for \$5,000,000.....	3,500,000	7	Jan. and July.	New York.	1898						
2d Mortgage (Gov. subsidy).....	27,325,512	6	Jan. & July.	U.S. Treasury.	'96-'99	104					West Jersey:											
3d Mortgage Sinking Fund.....	14,400,000	6	March & Sept.	New York.	1894	91					Dabontville bonds guar. by C. & A.	400,000	6	March & Sept.	Camden.	1888						85
Omaha Bridge Bds. (2500,000)	2,500,000	60	Apr. and Oct.	London.	1898						1st Mortgage.....	1,000,000	6	Jan. and July.	"	1894						102
Union Pacific (Central Div.):											1st Mortgage (Salem) guar.....	100,000	6	"	Philadelphia.	1879						
1st Mortgage gold, tax free.....	1,800,000	60	May and Nov.	New York.	1896						1st Mort. (Swedesboro) guar.....	200,000	6	June & Dec.	Camden.	"						
2d Mortgage (Gov. subsidy).....	1,600,000	6	Jan. & July.	U.S. Treasury.	'96-'78						2d Mort. (Cape May & Millville)	600,000	7	Apr. and Oct.	"	"						96
Union Pacific, S. B. (C. & T.):											Consolidated Mortgage.....	1,000,000	7	"	"	1899						107
1st Mortgage gold, sfg fund.....	3,320,000	60	Jan. & July.	New York.	1890						West Wisconsin:											
Union & Titusville (O. C. & A. Riv.)											1st Mort. land gr. gold sfg fund	3,900,000	70	Jan. and July.	N.Y. or Lond.	1887						
1st Mortgage.....	500,000	7	Jan. & July.	New York.	1890	60					1st Mort. (Southern Extension).	640,000	70	"	"	1903						
United N. J. R. & Canal Co.											White Water Valley:											
Loan of 1901 (United Company)	3,000,000	60	March & Sept.	Philadelphia.	1901	100					1st Mortgage.....	1,021,840	8	Feb. and Aug.	Cincinnati.	1890						
Sterling Loan \$500,000 (U. Co.)	1,444,000	60	"	London.	1894						Waco Mico and Pocomoke:											
Sterling Loan \$200,000 (")	1,000,000	60	"	"	1894						1st Mortgage.....	200,000	6	Jan. and July.	New York.	1888						
Loan of 1894 S. Fund (")	2,000,000	6	Apr. and Oct.	Philadelphia.	1894						Williamston and Tarboro:											
Loan of 1888 (United Compa's)	154,000	6	Feb. and Aug.	"	1888	90					1st Mortgage.....	350,000	6	May and Nov.	New York.	1890						
Bond to State of N. J. (U. Co.)	500,000	7	(Due 60 days after demand.)	"	"						Williamston, Oclum. & Augusta:											

RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

See notes on page 1221 for explanation of symbols. "A dash" (-) across the column signifies "nil," and running dots (....) signify "not ascertained."

Abstract of General Business Sheet.										Property and Assets.		Liabilities.		Operations.		Earnings.		Market.		Value of Shares.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Companies.										Rolling Stock.		Accounts and Cash.		Stocks.		Bonds.		Accounts.		Surplus Income.		Railroad Operated.		Trains Moved.		Passengers.		Freight.		Gross.		Net.		Dividends.		Par.		P.O.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Main Line.										Branch Line.		2d Track and Sidings.		Engines.		Cars.		Freight.		R. M. E.		Pass.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.		M.	

[illegible]

Line	Station	Distance	Time	Rate	Notes
1	Dec. 31, 1876	10.1	1.0	1.0	
2	Jan. 1, 1877	10.1	1.0	1.0	
3	Feb. 1, 1877	10.1	1.0	1.0	
4	Mar. 1, 1877	10.1	1.0	1.0	
5	Apr. 1, 1877	10.1	1.0	1.0	
6	May 1, 1877	10.1	1.0	1.0	
7	Jun. 1, 1877	10.1	1.0	1.0	
8	Jul. 1, 1877	10.1	1.0	1.0	
9	Aug. 1, 1877	10.1	1.0	1.0	
10	Sep. 1, 1877	10.1	1.0	1.0	
11	Oct. 1, 1877	10.1	1.0	1.0	
12	Nov. 1, 1877	10.1	1.0	1.0	
13	Dec. 1, 1877	10.1	1.0	1.0	
14	Jan. 1, 1878	10.1	1.0	1.0	
15	Feb. 1, 1878	10.1	1.0	1.0	
16	Mar. 1, 1878	10.1	1.0	1.0	
17	Apr. 1, 1878	10.1	1.0	1.0	
18	May 1, 1878	10.1	1.0	1.0	
19	Jun. 1, 1878	10.1	1.0	1.0	
20	Jul. 1, 1878	10.1	1.0	1.0	
21	Aug. 1, 1878	10.1	1.0	1.0	
22	Sep. 1, 1878	10.1	1.0	1.0	
23	Oct. 1, 1878	10.1	1.0	1.0	
24	Nov. 1, 1878	10.1	1.0	1.0	
25	Dec. 1, 1878	10.1	1.0	1.0	
26	Jan. 1, 1879	10.1	1.0	1.0	
27	Feb. 1, 1879	10.1	1.0	1.0	
28	Mar. 1, 1879	10.1	1.0	1.0	
29	Apr. 1, 1879	10.1	1.0	1.0	
30	May 1, 1879	10.1	1.0	1.0	
31	Jun. 1, 1879	10.1	1.0	1.0	
32	Jul. 1, 1879	10.1	1.0	1.0	
33	Aug. 1, 1879	10.1	1.0	1.0	
34	Sep. 1, 1879	10.1	1.0	1.0	
35	Oct. 1, 1879	10.1	1.0	1.0	
36	Nov. 1, 1879	10.1	1.0	1.0	
37	Dec. 1, 1879	10.1	1.0	1.0	
38	Jan. 1, 1880	10.1	1.0	1.0	
39	Feb. 1, 1880	10.1	1.0	1.0	
40	Mar. 1, 1880	10.1	1.0	1.0	
41	Apr. 1, 1880	10.1	1.0	1.0	
42	May 1, 1880	10.1	1.0	1.0	
43	Jun. 1, 1880	10.1	1.0	1.0	
44	Jul. 1, 1880	10.1	1.0	1.0	
45	Aug. 1, 1880	10.1	1.0	1.0	
46	Sep. 1, 1880	10.1	1.0	1.0	
47	Oct. 1, 1880	10.1	1.0	1.0	
48	Nov. 1, 1880	10.1	1.0	1.0	
49	Dec. 1, 1880	10.1	1.0	1.0	
50	Jan. 1, 1881	10.1	1.0	1.0	
51	Feb. 1, 1881	10.1	1.0	1.0	
52	Mar. 1, 1881	10.1	1.0	1.0	
53	Apr. 1, 1881	10.1	1.0	1.0	
54	May 1, 1881	10.1	1.0	1.0	
55	Jun. 1, 1881	10.1	1.0	1.0	
56	Jul. 1, 1881	10.1	1.0	1.0	
57	Aug. 1, 1881	10.1	1.0	1.0	
58	Sep. 1, 1881	10.1	1.0	1.0	
59	Oct. 1, 1881	10.1	1.0	1.0	
60	Nov. 1, 1881	10.1	1.0	1.0	
61	Dec. 1, 1881	10.1	1.0	1.0	
62	Jan. 1, 1882	10.1	1.0	1.0	
63	Feb. 1, 1882	10.1	1.0	1.0	
64	Mar. 1, 1882	10.1	1.0	1.0	
65	Apr. 1, 1882	10.1	1.0	1.0	
66	May 1, 1882	10.1	1.0	1.0	
67	Jun. 1, 1882	10.1	1.0	1.0	
68	Jul. 1, 1882	10.1	1.0	1.0	
69	Aug. 1, 1882	10.1	1.0	1.0	
70	Sep. 1, 1882	10.1	1.0	1.0	
71	Oct. 1, 1882	10.1	1.0	1.0	
72	Nov. 1, 1882	10.1	1.0	1.0	
73	Dec. 1, 1882	10.1	1.0	1.0	
74	Jan. 1, 1883	10.1	1.0	1.0	
75	Feb. 1, 1883	10.1	1.0	1.0	
76	Mar. 1, 1883	10.1	1.0	1.0	
77	Apr. 1, 1883	10.1	1.0	1.0	
78	May 1, 1883	10.1	1.0	1.0	
79	Jun. 1, 1883	10.1	1.0	1.0	
80	Jul. 1, 1883	10.1	1.0	1.0	
81	Aug. 1, 1883	10.1	1.0	1.0	
82	Sep. 1, 1883	10.1	1.0	1.0	
83	Oct. 1, 1883	10.1	1.0	1.0	
84	Nov. 1, 1883	10.1	1.0	1.0	
85	Dec. 1, 1883	10.1	1.0	1.0	
86	Jan. 1, 1884	10.1	1.0	1.0	
87	Feb. 1, 1884	10.1	1.0	1.0	
88	Mar. 1, 1884	10.1	1.0	1.0	
89	Apr. 1, 1884	10.1	1.0	1.0	
90	May 1, 1884	10.1	1.0	1.0	
91	Jun. 1, 1884	10.1	1.0	1.0	
92	Jul. 1, 1884	10.1	1.0	1.0	
93	Aug. 1, 1884	10.1	1.0	1.0	
94	Sep. 1, 1884	10.1	1.0	1.0	
95	Oct. 1, 1884	10.1	1.0	1.0	
96	Nov. 1, 1884	10.1	1.0	1.0	
97	Dec. 1, 1884	10.1	1.0	1.0	
98	Jan. 1, 1885	10.1	1.0	1.0	
99	Feb. 1, 1885	10.1	1.0	1.0	
100	Mar. 1, 1885	10.1	1.0	1.0	

PAID TO STOCKHOLDERS IN FULL PAYMENT OF THE DEBTS OF THE COMPANY. DEBTS. INCOME. DIVIDENDS. & C. & C.

RAILROAD SHARE LIST, INCLUDING MINERALS, ROLLING STOCK, DEBENTURES, AND OTHER SECURITIES

[illegible]

[illegible]

RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

an asterisk (*) occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad." A dash (-) across the column signifies "nil," and running dots (....) signify "not ascertained."

Years ending	Railroad.			Rolling Stock.			Companies.	Abstract of General Balance Sheet.			Operations.			Earnings.		Value of Shares.								
	Main Line.			Branch Line.				Track and Sidings.			Railroad in progress.			Engines.			Pass.			Freight.			Par.	Market.
	M.	M.	M.	M.	M.	M.		M.	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.			
Dec. 31, 1870	51.8	3.6	4.0	2.1	9	4	337	Virginia and Truckee	2,000,000	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1871	51.8	3.6	4.0	2.1	9	4	337	Walkill Valley (Erie)	1,900,222	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1872	51.8	3.6	4.0	2.1	9	4	337	War River (I. and A.)	1,901,207	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1873	51.8	3.6	4.0	2.1	9	4	337	Warren (D. L. and W.)	2,160,300	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1874	51.8	3.6	4.0	2.1	9	4	337	Washington and Ohio	1,602,056	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1875	51.8	3.6	4.0	2.1	9	4	337	Wash. City, Va. & Gt. Southern	2,500,000	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1876	51.8	3.6	4.0	2.1	9	4	337	Wash. and Jordan	284,000	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1877	51.8	3.6	4.0	2.1	9	4	337	W. and Brice	3,023,400	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1878	51.8	3.6	4.0	2.1	9	4	337	West Chester and Philadelphia	1,509,603	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1879	51.8	3.6	4.0	2.1	9	4	337	Western of Alabama	4,538,000	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1880	51.8	3.6	4.0	2.1	9	4	337	Western and Atlantic	4,400,940	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1881	51.8	3.6	4.0	2.1	9	4	337	Western Maryland	7,125,000	3,757	45,048	683,635	2,000,000	703,508	430,779	84.5	111.10	401,781	211.10	100	100			
Dec. 31, 1882	51.8	3.6	4.0	2.1	9	4																		

Philadelphia Stock Exchange.

Closing Prices for the week ending Sept. 10

W-18 Tu-14 F-14 Sa-18 M-18 Tu-18

Merchery Valley 7-10-100	100	100	100	100	100
7%, Income	100	100	100	100	100
Camden & Am. Co. 1893	100	100	100	100	100
Co. 1893	100	100	100	100	100
Mort. Co. 1893	100	100	100	100	100
Camden and Atlantic	491	491	491	491	491
Preferred	51	51	51	51	51
1st mortgage	51	51	51	51	51
2d mortgage	51	51	51	51	51
Catawissa	111	111	111	111	111
Preferred	43	43	43	43	43
New preferred	40	39	39	39	39
7%, new	39	39	39	39	39
Del. & Bound Brook	100	100	100	100	100
7%	100	100	100	100	100
Elmira & Williamsport	100	100	100	100	100
Preferred	100	100	100	100	100
7%	100	100	100	100	100
Hunt. & B. Top Mt.	100	100	100	100	100
Preferred	100	100	100	100	100
2d mortgage	100	100	100	100	100
Lehigh Navigation	321	321	321	321	321
Co. 1877	101	101	101	101	101
Co. 1884	101	101	101	101	101
Co. 1884	97	97	97	97	97
Gold Loan	101	101	101	101	101
Railroad Loan	101	101	101	101	101
Over. Gold Loan	101	101	101	101	101
Lehigh Valley	51	51	51	51	51
Co. new coupon	111	111	111	111	111
Co. new registered	111	111	111	111	111
7%	111	111	111	111	111
Consol. mort. Co.	99	99	99	99	99
Little Schuylkill	40	40	40	40	40
Minehill & Sch. Haven	53	53	53	53	53
North Pennsylvania	100	100	100	100	100
1st mortgage Co.	100	100	100	100	100
2d mortgage 7%	100	100	100	100	100
Chattel Co.	100	100	100	100	100
Gen'l mort. Co. coup.	100	100	100	100	100
Northern Central	25	25	25	25	25
Pennsylvania R. R.	49	49	49	49	49
1st mortgage	100	100	100	100	100
Gen'l mortgage	100	100	100	100	100
Gen'l mort. reg.	100	100	100	100	100
Consol. mort. Co. reg.	100	100	100	100	100
Penn. State Co. Id. series	100	100	100	100	100
Penn. State Co. Id. series	100	100	100	100	100
Philadelphia City, Co.	110	110	110	110	110
Co. new	110	110	110	110	110
Phila. and Reading	44	44	44	44	44
Debtenture bonds	100	100	100	100	100
7% of 1898	100	100	100	100	100
7% new convertible	95	95	95	95	95
Gen'l mortgage	100	100	100	100	100
Gen'l mortgage, reg.	100	100	100	100	100
Philadelphia and Kite	10	10	10	10	10
1st mortgage, Co.	10	10	10	10	10
2d mortgage, 7%	10	10	10	10	10
Pittab. Titm. & St					

Baltimore Stock Exchange.

Closing Prices for the week ending Sept. 10

W. 13. Tb 14 F. 15. Bat. 16. M. 18. Tu. 19

Baltimore and Ohio.....	152	152	152	152	152
6s, 1890.....	108	108	108	108	108
6s, 1885.....	107	107	107	107	107
Central Ohio.....	100	100	100	100	100
1st mortgage.....	100	100	100	100	100
Marietta & Cincinnati.....	108	108	108	108	108
1st mortgage.....	108	108	108	108	108
2d mortgage.....	94	94	94	94	94
3d mortgage.....	85	85	85	85	85
Northern Central.....	90	90	90	90	90
2d mortgage, 6s, 1885.....	104	104	104	104	104
3d mortgage, 6s, 1900.....	104	104	104	104	104
6s, 1900, Gold.....	104	104	104	104	104
Orange and Alex. 1st.....	100	100	100	100	100
2d mortgage, 6s.....	100	100	100	100	100
3d mortgage, 6s.....	100	100	100	100	100
4th mortgage, 6s.....	100	100	100	100	100
On Alex. & Manassas To 70.....	100	100	100	100	100
Pittsb. & Connellsv. 1s.....	108	108	108	108	108
Virginia 6s, Consol.....	66	66	66	66	66
Consol. Coupons.....	64	64	64	64	64
Deferred Certificates.....	100	100	100	100	100
Western Maryland.....	100	100	100	100	100
1st M., end by Balt.....	100	100	100	100	100
2d M., do.....	100	100	100	100	100
3d M., do.....	100	100	100	100	100
1st M., unsecured.....	100	100	100	100	100
2d M., and Wash. Co.....	100	100	100	100	100
3d M., do.....	100	100	100	100	100
4th M., do.....	100	100	100	100	100

New York Stock Exchange.

Closing Prices for the week ending Sept. 20.

Th. 14. F. 15. Sat. 16. M. 17. Tu. 18. W. 19.

Adams Express.....	100	100	100	100	100
Albany and Susq.....	87	87	87	87	87
1st mortgage.....	105	105	105	105	105
2d mortgage.....	102	102	102	102	102
American Express.....	60	60	60	60	60
Am. Dock and Imp. Co.....	60	60	60	60	60
Atlantic & Pacific pref.....	2	2	2	2	2
Atlantic & Pacific Tel. 13	15	15	15	15	15
Bost. Harb. & Erie 1st.....	16	16	16	16	16
Burl. O. R. & Minn. 1st.....	24	24	24	24	24
Central of N. Jersey.....	104	104	104	104	104
1st mortgage, new.....	80	80	80	80	80
7s, consolidated.....	70	70	70	70	70
7s, convertible.....	110	110	110	110	110
Central Pacific 6s, gold.....	110	110	110	110	110
1st M. (San Joaquin).....	90	90	90	90	90
1st M. (Cal. and Or.).....	90	90	90	90	90
Land Grant 6s.....	90	90	90	90	90
Chicago and Alton.....	90	90	90	90	90
Preferred.....	120	120	120	120	120
1st mortgage.....	110	110	110	110	110
Sinking Fund.....	110	110	110	110	110
Income bonds.....	110	110	110	110	110
Ohic. Burl. & Quincy 114	114	114	114	114	114
7s, 1883.....	111	111	111	111	111
Ohic. & Milwaukee 1st.....	105	105	105	105	105
Ohic. Mil. and St. Paul 33	31	30	30	30	30
Preferred.....	67	67	67	67	67
1st mortgage, 6s.....	117	117	117	117	117
2d mortgage, 7 3-10s.....	100	100	100	100	100
7s, gold.....	102	102	102	102	102
1st M. (La Crosse div.).....	102	102	102	102	102
1st M. (I. and M. div.).....	100	100	100	100	100
1st M. (I. and D. div.).....	90	90	90	90	90
1st M. (C. & M. div.).....	90	90	90	90	90
Consolidated S. F. 80	80	80	80	80	80
Ohic. & Northwestern 37	37	36	36	36	36
Preferred.....	62	61	61	61	61
1st mortgage.....	100	100	100	100	100
Sinking Fund.....	100	100	100	100	100
Consolidated 7s.....	105	105	105	105	105
Consol. Gold bonds.....	94	94	94	94	94
Do. reg.....	92	92	92	92	92
Ohic. Rock Isl. & Pac. 100	100	100	100	100	100
7s, 1890.....	100	100	100	100	100
Olev. Col. C. and Ind. 30	30	30	30	30	30
1st mortgage.....	90	90	90	90	90
Olev. & Pittsburg guar. 81	90	90	90	90	90
7s, Consolidated.....	100	100	100	100	100
4th mortgage.....	100	100	100	100	100
Olev. P. and Ash. 7s.....	100	100	100	100	100
7s, new.....	100	100	100	100	100
Col. Ohic. & Ind. Cent.....	37	37	37	37	37
1st mortgage.....	30	30	30	30	30
2d mortgage.....	30	30	30	30	30
Consol. Coal of Md. 32	33	33	33	33	33
Del. & Hudson Canal 72	71	70	70	70	70
Reg. 7s, 1891.....	100	100	100	100	100
Reg. 7s, 1894.....	100	100	100	100	100
Del. Lack. & Western 78	77	77	77	77	77
2d mortgage 7s.....	70	70	70	70	70
7s, Convertible.....	100	100	100	100	100
Det. Mon. & Tol. 1st.....	71	71	71	71	71
Det. of Columbia 8-10s.....	104	104	104	104	104
Erie Railway.....	104	104	104	104	104
Preferred.....	100	100	100	100	100
1st mortgage.....	100	100	100	100	100
2d mortgage.....	100	100	100	100	100
4th mortgage.....	100	100	100	100	100
5th mortgage.....	100	100	100	100	100
Great Western 1st mort.....	100	100	100	100	100
2d mortgage.....	100	100	100	100	100
Hannibal & St. Joseph 12	11	11	11	11	11
Preferred.....	21	21	21	21	21
7s, Convertible.....	77	77	77	77	77
Hudson River 2d mort.....	100	100	100	100	100
Illinois Central.....	80	80	80	80	80
Kansas Pacific.....	70	70	70	70	70
Lake Shore & Mich. So. 64	63	63	63	63	63
Consol. 7s.....	107	107	107	107	107
Consol. 7s, reg.....	100	100	100	100	100
2d Consolidated.....	101	101	101	101	101
Lake Shore Div. bonds.....	65	65	65	65	65
Lah. & W. B. 7s, Con.....	60	60	60	60	60
Long Dock bonds.....	100	100	100	100	100
L'ville & Nash. 7s Cons.....	100	100	100	100	100
Michigan Central.....	41	40	40	40	40
7s, 1902.....	102	102	102	102	102
7s, 1882.....	100	100	100	100	100
M. S. and N. I. 1st, S. F. 111	111	111	111	111	111
2d mortgage.....	100	100	100	100	100
Morris and Essex.....	80	80	80	80	80
1st mortgage.....	110	110	110	110	110
2d mortgage.....	100	100	100	100	100
7s of 1871.....	100	100	100	100	100
7s, Convertible.....	100	100	100	100	100
7s, Consolidated.....	100	100	100	100	100
N. Y. Cent. & Hud. Riv 104	104	103	103	103	103
7s, Sinking fund, 1870.....	100	100	100	100	100
6s, Sinking fund, 1870.....	100	100	100	100	100
6s, Sinking fund, 1871.....	100	100	100	100	100
1st mortgage.....	110	110	110	110	110
1st mortgage, reg.....	110	110	110	110	110
N. York and Harlem.....	107	107	107	107	107
Preferred.....	100	100	100	100	100
1st mortgage.....	100	100	100	100	100
1st mortgage, reg.....	100	100	100	100	100

New York Stock Exchange.

Closing Prices for the week ending Sept. 20.

Th. 14. F. 15. Sat. 16. M. 17. Tu. 18. W. 19.

New Jersey.....	138	138	138	138	138
N. Y. N. Haven & Hart.....	131	131	131	131	131
North Missouri 1st M.....	97	97	97	97	97
Ohio and Mississippi.....	111	111	111	111	111
Preferred.....	110	110	110	110	110
2d mortgage.....	100	100	100	100	100
Consolidated 7s.....	90	90	90	90	90
Consol. Sinking fund.....	100	100	100	100	100
1st M. (Springfield D.).....	22	22	22	22	22
Pacific Mail S. S. Co. 22	22	22	22	22	22
Pacific R. R. of Mo.....	84	84	84	84	84
1st mortgage.....	120	120	120	120	120
2d mortgage.....	110	110	110	110	110
Pacific 7s, guar. by Mo.....	101	101	101	101	101
Panama.....	120	120	120	120	120
Pitts. Ft. W. & Chi. 1st.....	110	110	110	110	110
2d mortgage.....	110	110	110	110	110
3d mortgage.....	110	110	110	110	110
Quicksilver Mining Co.....	19	19	19	19	19
Preferred.....	100	100	100	100	100
St. L. Alton and T. H.....	100	100	100	100	100
Preferred.....	100	100	100	100	100
1st mortgage.....	100	100	100	100	100
2d mort. preferred.....	100	100	100	100	100
Income bonds.....	100	100	100	100	100
St. L. Iron Mt. & S. H.....	90	90	90	90	90
1st mortgage.....	100	100	100	100	100
2d mortgage.....	100	100	100	100	100
St. L. Jack. & Chi. 1st.....	100	100	100	100	100
St. L. Kan. City & N.....	64	64	64	64	64
Preferred.....	100	100	100	100	100
Tol. P. & W. 1st E. D.....	85	85	85	85	85
1st mort. West. Div.....	85	85	85	85	85
Tol. Wab. & Western 24	24	24	24	24	24
Preferred.....	100	100	100	100	100
1st mortgage.....	100	100	100	100	100
2d mortgage.....	100	100	100	100	100
7s, Consolidated.....	100	100	100	100	100
St. Louis Division.....	64	64	64	64	64
Union Pacific.....	100	100	100	100	100
1st mortgage.....	100	100	100	100	100
Land Grant 7s.....	100	100	100	100	100
Sinking Fund 6s.....	91	91	91	91	91
United States Express 61	62	62	62	62	62
Warren.....	83	83	83	83	83
Wells-Fargo Express.....	83	83	83	83	83
Western Pacific bonds.....	71	71	71	71	71
Western Union Tel.....	71	71	71	71	71
7s, S. F. conv., 1900.....	102	102	102	102	102

Boston Stock Exchange.

Closing Prices for the week ending Sept. 20.

Th. 14. F. 15. Sat. 16. M. 17. Tu. 18. W. 19.

Atch., Top. and San. Fe.....	18	18	18	18	18
1st mortgage.....	80	80	80	80	80
2d mortgage.....	52	52	52	52	52
Land Grant 7s.....	78	78	78	78	78
Income 12s.....	100	100	100	100	100
Boston and Albany.....	133	133	133	133	133
7s.....	100	100	100	100	100
6s, 1895.....	100	100	100	100	100
Boston and Lowell.....	100	100	100	100	100
7s.....	100	100	100	100	100
Boston and Maine.....	90	90	90	90	90
Boston and Providence.....	130	130	130	130	130
Boston, Hart. & Erie 7s 19	19	19	19	19	19
Boston Water Power.....	71	71	71	71	71
Burl. & Mo. R. in Iowa.....	100	100	100	100	100
Land Grant 7s.....	100	100	100	100	100
Burl. & Mo. R. in Neb.....	100	100	100	100	100
8s, old.....	100	100	100	100	100
Carry Improvement.....	100	100	100	100	100
Ohic. Burl. and Quincy 114	114	114	114	114	114
7s.....	100	100	100	100	100
Chic. Sand. and Oliv.....	71	71	71	71	71
Concord.....	100	100	100	100	100
Connecticut River.....	64	64	64	64	64
Eastern.....	100	100	100	100	100
7s, Sinking Fund.....	100	100	100	100	100
New Gold Bonds.....	45	45	45	45	45
Fitchburg.....	100	100	100	100	100
Ind. Cin. & Lafayette.....	100	100	100	100	100
Michigan Central.....	40	40	40	40	40
Nashua and Lowell.....	100	100	100	100	100
Northern, N. H.....	100	100	100	100	100
Norwich & Worcester.....	100	100	100	100	100
Orden & Lake Champ.....	100	100	100	100	100
Preferred.....	100	100	100	100	100
Old Colony.....	100	100	100	100	100
Ph. W. & Baltimore.....	61	61	61	61	61
Port. & Saco & Ports.....	100	100	100	100	100
Port. Gt. Falls & Con.....	100	100	100	100	100
Pullman Palace Car.....	72	72	72	72	72
Union Pacific.....	100	100	100	100	100
6s.....	100	100	100	100	100
Land Grant 7s.....	101	101	101	101	101
Sinking Fund 8s.....	91	91	91	91	91
Vermont and Canada.....	21	21	21	21	21
Vermont and Mass.....	104	104	104	104	104
Worcester and Nashua.....	100	100	100	100	100
Cambridge (Horse).....	100	100	100	100	100
Metropolitan.....	100	100	100	100	100
7s.....	100	100	100	100	100
Middlesex.....	100	100	100	100	100
Central Mining Co.....	100	100	100	100	100
Calumet and Hecla.....	100	100	100	100	100
Copper Falls.....	44	44	44	44	44
Franklin.....	100	100	100	100	100
Quincy.....	40	40	40	40	40

New York Stock Exchange.

Closing Prices for the week ending Sept. 20.

Th. 14. F. 15. Sat. 16. M. 17. Tu. 18. W. 19.

FEDERAL BONDS.—				
U. S. 4s, 1891, reg.....	111	111	111	111
U. S. 5s, 10-40s, reg.....	111	111	111	111
U. S. 5s, 10-40s, coup.....	111	111	111	111
U. S. 5s, 1891, reg.....	111	111	111	111
U. S. 5s, 1891, coup.....	111	111	111	111
U. S. 6s, 1891, reg.....	111	111	111	111
U. S. 6s, 1891, coup.....	111	111	111	111
U. S. 6s, 6-20s, reg 1895 113	113	113	113	113
U. S. 6s, 6-20s, c 1895.....	113	113	113	113
U. S. 6s, 6-20s, r 1895 113	113	113	113	113
U. S. 6s, 6-20s, c 1895 113	113	113	113	113
U. S. 6s, 6-20s, reg 1897.....	113	113	113	113
U. S. 6s, 6-20s, c 1897.....	113	113	113	113
U. S. 6s, 6-20s, reg 1898.....	113	113	113	113
U. S. 6s, 6-20s, c 1898.....	113	113	113	113
U. S. 6s, Pac & R. Issue.....	125	125	125	125

Michigan Southern, Delaware, Lackawanna and Western, Central of New Jersey, New York Central, Michigan Central and Western Union Telegraph, in which a large business was done.

The bank statement for last week exhibited an increase of the reserve, and there is no increase in the rates for money. Foreign exchange has ruled steadier. The speculative prices at which many articles of export are held, the scarcity of ocean freight room and advancing rates of freight, have co-operated with the depression in exchange, to limit the amount of bills making, while the revival of trade has somewhat increased the demand for remittance.

Gold has been without important feature, and closed at 110 1/2 @ 110 3/4. Government bonds have ruled firm, although there have been considerable withdrawals from deposit with the U. S. Treasury Department of five and six per cents, the new 4 1/2 per cents being put in their place.

Cotton has continued to decline, under free receipts at the ports, and rather better reports from the crop. A check has been given to the advance in flour and wheat, and the speculations in pork and lard have experienced a sharp reaction. Wool has continued active. The advance in petroleum is fairly supported, but without activity. There has been a large export movement in ingot copper at higher prices.

The exports of produce from this port for the week ending September 19th were \$5,422,471, against \$4,628,232 for the corresponding period in 1875 and \$4,364,724 in 1874. The total exports of produce from this port since January 1, this year, were \$190,967,424, against \$181,342,387 for the corresponding period in 1875, and \$212,680,745 in 1874.

The Delaware, Lackawanna and Western Railroad Company will sell by auction 100,000 tons of coal on Wednesday next, and the Delaware and Hudson Canal Company a like amount on the following day.

The Ohio and Mississippi Railroad Company announce that they will pay the coupons of the Sinking Fund and Second Mortgage bonds due on the 1st of October.

The Chicago, Rock Island and Pacific Railroad Company, at their meeting on Tuesday, resolved to call in for redemption, on the 1st of January next, \$125,000 of their mortgage sinking fund bonds. Eight hundred thousand dollars of said bonds have been heretofore redeemed by the sinking fund, making a total, with this call, of \$925,000 paid from the proceeds of land sales and interest on investment of the sinking fund.

In another column will be found an advertisement announcing that the American Mining Board will commence business on the 2d of October in the rooms recently occupied by Duncan, Sherman & Co., corner of Nassau and Rice streets.

On Wednesday Government bonds closed steady at the following quotations: United States currency, 120 1/2 @ 127; do. 1881, registered, 117 1/2 @ 117 3/4; do. coupon, 118 1/2 @ 118 3/4; do. 1885, registered, 112 1/2 @ 118; do. coupon, 112 1/2 @ 118; do. new, registered, 118 1/2 @ 118 3/4; do. coupon, 113 1/2 @ 113 3/4; do. 1867, registered, 118 1/2 @ 118 3/4; do. coupon, 118 1/2 @ 118 3/4; do. 1868, registered, 118 1/2 @ 118 3/4; do. coupon, 118 1/2 @ 118 3/4; do. 1869, registered, 114 1/2 @ 115 1/4; do. coupon, 115 1/2 @ 115 3/4; do. 1881, registered, 115 1/2

115 1/2; do. coupon, 115 1/2 @ 115 3/4; do. four and one-half, 111 1/2 @ 111 3/4.

The following quotations of sales of Railway and other securities are in addition to those given elsewhere in our columns:—

New York.—Missouri, Kansas and Texas R. R., 7 1/2; do. consol. S. F. bonds, assorted, 59; Rome, Watertown and Ogdensburg 7s, consol., 85; Canada Southern 1st mort., coupon on, 54; Cincinnati, Hamilton and Dayton 1st mort., 103; Nashville and Decatur 1st mort., 89; Cleveland and Toledo 7s, S. F., 110; do. new bonds, 106; East Tennessee, Virginia and Georgia 1st mort., 94; New Jersey Southern R. R., 3 1/2; Pennsylvania Coal, 220; Missouri 6s, long bonds, 108; do. 6s, 1877, 101 1/2; New York State 6s, 1891, 122; do. 7s, B. L., reg., 102 1/2; Tennessee 6s, new, ex July coupon, 1875, 44 1/4; do. old, do., 44; do. N. S., do., 44 1/2; North Carolina Fund Act, 1865, 8; do. 6s, special tax, 1st class, 1; South Carolina 6s, new, Jan. and July, 33 1/2; do. new, 100-fund, 2; Jersey City 6s, Water Loan, 100. The latest quotations are: Pacific Mail, 22 1/2 @ 22 3/4; Western Union Telegraph, 69 1/2 @ 70; Atlantic and Pacific Tel., 15 1/2 @ 16 1/2; Quicksilver Mining, 13 @ 15; do. pref., 17 @ 20; Mariposa Land and Mining, 4 @ 6; do. pref., 4 1/2 @ 6; Adams Exp., 100 @ 108; American Exp., 60 @ 60 1/2; U. S. Express, 63 @ 64; Wells-Fargo Express, 83 1/2 @ 84 1/2; Chicago and Alton, 97 @ 98 1/2; Cleveland and Pittsburgh, 89 1/2 @ 90; Chicago and Northwestern, 88 1/2 @ 87; do. pref., 61 @ 61 1/2; Chicago, Rock Island and Pacific, 104 @ 104 1/2; Chicago, Milwaukee and St. Paul, 80 1/2 @ 80 3/4; do. pref., 62 1/2 @ 62 1/2; Cleveland, Columbus Cincinnati and Indianapolis, 35 1/2 @ 37; Columbus, Chicago and Indiana Central, 3 @ 4; Delaware, Lackawanna and Western, 77 1/2 @ 77 3/4; Erie, 10 @ 10 1/2; Hannibal and St. Joseph, 12 1/2 @ 13 1/4; do. pref., 21 @ 22; Lake Shore and Michigan Southern, 58 1/2 @ 58 3/4; Michigan Central, 41 1/2 @ 41 3/4; New York and Harlem, 130 @ 135; N. Y. Central and Hudson River, 98 1/2 @ 99; Central of New Jersey, 25 1/2 @ 26; Ohio and Miss., 12 1/2 @ 12 3/4; Panama, 128 @ 130; Toledo, Wabash and Western, 8 1/2 @ 8 3/4; Union Pacific, — @ 62 1/2; do. 1st mort., 106 1/2 @ 106 3/4; do. 7s, land grant, 104 @ 104 1/2; do. sinking fund 8s, 91 1/2 @ 91 3/4; Central Pacific 6s, gold, 110 1/2 @ 110 3/4.

Philadelphia.—Harrisburg and Lancaster 6s, 101 1/2; Lehigh Nav. consol mort. 7s, 95; West Jersey R. R. 1st mort. 6s, 102 1/2; Stenheville and Indiana R. R. 6s, 84 1/2; American Steamship Co. 6s, 82 1/2; Pittsburg, Titusville and Buffalo 7s, 90; Shamokin Valley and Pottsville 7s, 98; Belvidere Delaware 8d mort., 98 1/2; Fifth and Sixth streets R. R., 72 1/2; Philadelphia, Germantown and Norristown R. R., 101 1/2; Nesquehoning Valley R. R., 61; Empire Transp., 49; Central Transp., 44 1/2; Pennsylvania Steel Co., 68; Cincinnati 7 30s, 106 1/2. The latest quotations are: City 6s, 106 @ —; do. free of tax, 110 1/2 @ 110 3/4; Pennsylvania State 6s, 2d series, 105 @ 106; do. 3d series, 119 @ 119 1/2; Philadelphia and Reading, 44 @ 44 1/2; do. Gen'l mort. 7s, coup., 108 @ 108 1/2; do. reg., 107 1/2 @ 108; do. mort. 6s, 1880, 102 1/2 @ —; do. 7s, new conv., 95 @ 95 1/2; do. 7s, 1883, 110 @ 112; United New Jersey R. R. and Canal Co., 138 1/2 @ 139; Camden and Amboy mort. 6s, 1889, 107 1/2 @ —; Pennsylvania R. R., 49 1/2 @ 49 3/4; do. 1st mort., 106 1/2 @ 107; do. general mort. coupon, 106 1/2 @ 107; do. reg., 107 1/2 @ —; do. Copal

mort. 6s, reg., 100 @ —; Little Sebeykill R. R., 46 @ 46 1/2; Morris Canal, 50 @ —; do. pref., 133 @ 140; Susq. Canal, 6 @ —; do. 70 @ 73; Sebeykill Nav., 50 @ —; do. pref., 12 @ 13; do. 6s, 1882, 75 @ 77 1/2; do. 1872, 93 1/2 @ 94 1/2; Elmira and Williamsport pref., 40 @ —; do. 7s, 101 @ —; do. 6s, 60 @ —; Lehigh Coal and Navigation, 82 1/2 @ 83 1/2; do. 6s, 1884, 100 1/2 @ 101 1/2; do. R. R. Loan, 100 @ 101; do. Gold Loan, 97 1/2 @ 98; North Pennsylvania, 49 1/2 @ 50; do. 6s, 106 @ —; do. 7s, 109 @ —; do. Gen'l mort. 7s, reg., 107 1/2 @ —; do. Chattel 10s, 103 @ —; Philadelphia and Erie, 16 1/2 @ 16 3/4; do. 6s, 103 1/2 @ —; do. 7s, 95 1/2 @ 96; Minehill, 52 1/2 @ 53 1/2; Catawissa, 11 1/2 @ 12 1/2; do. pref., 41 @ 42 1/2; do. new pref., 39 1/2 @ 40 1/2; do. 7s, 1900, 106 @ 109; Lehigh Valley, 50 @ 50 1/2; do. 6s, new coupon, 106 @ 107 1/2; do. reg., 108 1/2 @ 110; do. 7s, 116 1/2 @ 111 1/2; do. consol. mort., 98 @ 98 1/2; Fifth and Sixth streets (horse), 72 @ 73; Second and Third, 80 @ 85; Thirteenth and Fifteenth, 40 @ 42; Spruce and Pine, 31 1/2 @ 32; Green and Coates, 50 @ 51 1/2; Chestnut and Walnut, 81 1/2 @ 85; Hestonville, 26 1/2 @ 26 3/4; Germantown, 68 @ 70; Union, 95 @ 98; Lombard and South, 16 @ 21; Ridge Avenue, — @ 65; Seventeenth and Nineteenth, 37 @ —.

Boston.—Cincinnati, Sandusky and Cleveland 7s, 69; Eastern R. R. scrip., 45 1/2; Manchester and Lawrence R. R., 138; Connecticut and Passumpsic Rivers R. R., 40; Rutland pref., 5; Boston Land Co., 5 1/2; New Hampshire 6s, 1893, 110 1/2; Boston 6s, 1880, 107 1/2; do. 1893, 113 1/2; Lowell 6s, 1890, 109 1/2; Portland 6s, 1907, 103 1/2; Cincinnati 7.30s, 1902, 105 1/2; do. 6s, 1883, 100; Dayton 8s, 109 1/2; Charlesown 6s, 112; Chicago 7s, 105 1/2; Brooklyn 6s, 1899, 104 1/2; St. Louis County 7s, 1887, 107 1/2; Duncan Mining Co., 8 1/2; Humboldt, Sc., International, 1 1/2; National, 2; Ridge, 6.

Baltimore.—Union R. R. 1st mort. guar., 96 1/2; Baltimore and Ohio R. R. 2d pref., 101 1/2; Maryland Defense 6s, 112; Baltimore 6s, 1875, 103 1/2; do. 1886, 109 1/2; do. 1890, 109; do. 1900, 108 1/2; do. 1902, 110; Cincinnati 7.30s, 107; Atlantic Coal, 1.90. The latest quotations are: Cincinnati and Baltimore 7s, 98 1/2 @ 98 3/4; Chesapeake and Ohio Canal 6s, 95 @ 101; Wilmington and Weldon 7s, 100 1/2 @ 101 1/2; Wilmington, Columbia and Augusta 7s, — @ 40; Richmond and Dixville 1st mort., 70 @ 75; Pittsburg and Connellsville 7s, 1898, 104 @ 104 1/2; Baltimore and Ohio, 152 @ 155; do. 6s, 1880, 103 @ 103 1/2; do. 1885, 107 @ 107 1/2; Northern Central, 29 1/2 @ 30; do. 6s, 1885, 104 1/2 @ 105; do. 6s, 1900, 104 @ 105; do. 6s, 1900, gold, 104 @ 104 1/2; N. W. Va. 3d mort., 1885, 100 @ —; Marietta and Cincinnati 1st mort. 7s, 1892, 108 1/2 @ 109; do. 2d mort. 7s, 94 1/2 @ 95; do. 3d mort. 8s, 65 @ 65 1/2; Central Ohio, 35 @ —; do. pref., 38 1/2; do. 1st mort., 101 1/2 @ 102; Western Maryland 1st mort. 6s, 1890, — @ 100; do. 1st mort. guar., 105 @ —; do. 2d mort. guar., — @ 107 1/2; do. 3d mort. guar., 105 @ 106; do. 2d mort. pref., 100 1/2 @ 101; do. 2d mort. guar. by Washington Co., 101 @ 102; Virginia and Tennessee 2d mort. 6s, 70 @ 72 1/2; do. 3d mort. 6s, 88 @ 89; Orange and Alexandria 1st mort. 6s, 82 @ 80; do. 2d mort. 6s, — @ 80; do. 3d mort. 8s, — @ 70; do. 4th mort. 8s, 25 @ 25 1/2; Orange, Alex. and Manassas 7s, 75 @ 77; Baltimore 6s, 1875, 103 1/2 @ 103 3/4; do. 1884, 108 @ —; do. 1886, 109 1/2 @ —; do. 1890, 109 1/2 @ 109 1/2; do. 1900, 109 @ 109 1/2; do. 1902, 110 @ 110 1/2.

do, 5s, 92@—; Memphis City 6s, 50@—; Maryland Defense 6s, 1883, 112@112½; do Hospital 6s, 106½@108½; do 5s, —@100; Virginia coupon 6s, old, 16½@—; do new, —@—; do consol. 6s, 67½@68; do Peckers, 83@83½; Virginia Consol. coupons, 86½@86½; West Virginia def. certifi., 86½@—; City Passenger R. R., 31@33; George's Creek Coal, 120@129; Atlantic Coal, 1.90@2.00; Canton Co., 26@30; mort. do, 1st 6s, 92@95; Santa Clara Mining Co., 15@25; do bonds, 40@—.

THE AMERICAN MINING BOARD will hold its first session for the calling of stocks on MONDAY, Oct. 2, at 11 o'clock. The list will embrace the more prominent San Francisco shares as well as the securities of all duly approved mining, petroleum, manufacturing, and quarrying companies. Applications for membership or for placing securities on the regular list may be made at the temporary offices in the Drexel Building.

Candidates for membership whose nominations shall be made prior to October first will, when duly elected, come in as proprietary members. Nominations received after that date will be for operating memberships only.

WILLIAM WARD, President.

Railroad in Montana.

A railroad meeting was held at Benton, Montana, on the 14th inst., at which a number of resolutions were read and adopted. These set out that, as the people of Lewis and Clarke county propose to build a road from Helena to the head of navigation on the Missouri river, and as the lack of cheap and quick transportation for ores from the mineral region of Montana to the Eastern markets is the chief bar to the rapid and successful development of the mineral and agricultural resources of the Territory; and as the Benton people, in common with all parties interested, are desirous of adopting the best and most feasible plan to quicken and cheapen the transit of freights to and from the Territory; therefore a cheap line should be built from Helena to Fort Benton, and to that end the people pledge their influence and support.

Fort Benton is at the head of navigation on the Missouri river. The distance between Helena and Fort Benton is about 140 miles; and the estimated cost of constructing the road about \$1,500,000. The Helena papers propose that the various counties on the line contribute a bonus of \$700,000.

A party of foreign capitalists with the officers of the Covington, Columbus and Black Hills Railroad went over the first 30 miles of the completed track to Ponca, Nebraska, on the 15th inst. The road is 8½ foot gauge, was projected and built to the present terminus since the 1st of March this year, and is the first link of the projected route by the Black Hills and National Park to Portland, Oregon. Arrangements have been made to complete 150 miles this year and reach the Black Hills in 1877.

A dispatch dated Los Angeles, September 11th, says that Col. J. W. Crawford, Superintendent of the Los Angeles and Independence Railroad, will immediately take the field to make a reconnaissance of the most direct route for a road from San Diego to Fort Yuma.

The Baltimore Stock Exchange, in the Bluff building, southeast corner of Second and Holliday streets, was formally opened for daily business on the 18th inst.

Atlantic, Mississippi and Ohio R. R.

In the United States Circuit Court at Richmond, Va., on the 18th inst., an order was entered instructing the Receivers of the Atlantic, Mississippi and Ohio Railroad to exercise their best judgment in relation to redeeming certain securities of the company, hypothecated as collateral for loans advanced to the company prior to the appointment of Receivers, whenever they shall consider it to be for the interest of their trust, and not redeem in any case when they shall consider it not to be for the interest of their trust so to do. Provided, however, that in the exercise of the authority conferred upon them, the Receivers shall not increase the debt or debts in question, or change the character thereof. The Receivers were also authorized in their discretion, in lieu of actually redeeming and taking up bonds so pledged, to arrange from time to time for the extension or continuance of the loans for which the same stand pledged, either with the parties to whom the bonds are now pledged or with any other party or parties.

The Cotton Crop.

The official report of the cotton crop of the United States for the year ending August 31, 1876, as telegraphed from New Orleans under date September 19th, is as follows: total crop 4,032,813 bales; receipts at shipping ports, 4,195,071; exports to Great Britain, 2,019,799; exports to France, 456,874; exports to Continent, 684,046; exports to channel ports, 71,534; overland movement direct to mills, 805,827; Southern consumption, 183,637, including taken from ports, 2322; stock at delivery ports at the close of the year, 114,371; Sea Island crop, included in above, 14,530.

A meeting of the Massachusetts directors of the Rhode Island and Massachusetts Railroad Company was held at Franklin on the 11th. The Rhode Island corporation, it is understood, have leased their portion of the road to contractors. The Massachusetts directors, at the meeting above stated, voted that an assessment of 10 per cent of the subscriptions to the capital stock of their part of the road be made, payable on the 15th inst. This action is the preliminary step toward obtaining a charter, in accordance with the law of the State.

The iron for the extension of the branch of the Green Bay and Minnesota Railroad from Onalaska to La Crosse has all been landed at Green Bay. It is expected the track will be laid before the end of the month. Operations are being vigorously pushed.

Tracklaying on the Columbus and Toledo Railroad is going on above Fortoria. The track where finished is being ballasted and put into shape for the running of trains. The grading along the whole line is about finished and ready for the rails.

The Columbus and Port Deposit Railroad is now completed from Columbus to the mouth of Fishing creek, two miles above Peachbottom and half a mile below Hills Eddy.

The American Mining Board, by order of the Executive Committee, will hold its first session for the call of stocks on Monday, Oct. 2, at 11 a.m.

North Wisconsin Railroad.

We understand that a project is on foot to form a company to construct a railroad from the present terminus of the North Wisconsin Railroad to Rice Lake, in this county, by the nearest practicable route. The people of this section have come to the conclusion that nothing will be done by the present management of the North Wisconsin Railroad toward building any more of the road. The road is certainly of but little value as it now stands, not if it could by any means be built to Rice Lake, it would add largely to the value of property in this county, and would, no doubt, soon be a paying investment. Of \$50,000 or \$60,000 could in any way be raised by our citizens, outside parties stand ready to furnish the balance of the funds necessary to build the road to this place. *Barren County (Wis.) Chronicle.*

At a meeting of the American Mining Board held in this city on the 18th inst., the Executive Committee was empowered to remove all restrictions as to the classes of stocks in which the board shall deal, and to reorganize the board under the limited liability act, passed in 1876. The board has leased for the purposes of their Exchange the premises recently occupied by Duncan Sherman & Co., on the corner of Nassau and Pine streets. The number of members is now upward of 240, and they represent many of the large and wealthy firms of New York, Philadelphia, Baltimore, Virginia City and San Francisco. It is expected that the first call of stocks will be made on the 2d of October.

A proposed railroad has been commenced in Sonoma County, Cal., to extend from Eureka to Sonoma City. Two miles are already completed. It is in contemplation to extend it from Sonoma to Santa Rosa, a further distance, counting the meanderings of the valleys through the mountains, of about 22 miles. No heavy grades will be encountered nor will a single tunnel be required.

The Western Union Telegraph Company has purchased the stock of the American Telegraph Company, which has about 600 miles of line in Michigan and Indiana, and hereupon one of the connecting lines of the Atlantic and Pacific Company.

Alex. Makin has been chosen secretary of the Santa Cruz and Felton Railroad Company. The earnings of the road for August were \$10,000. The road is but seven miles in length. The tunnel under the upper plaza will be completed about the 5th of October.

The Delaware and Hudson Canal Company have completed their road from Chazy, to Reuse's Point, and regular trains commenced running on the 18th inst. This shortens the time between New York and Montreal one hour.

The citizens of San Bernardino are desirous of securing a branch of the Southern Pacific Railroad to Colton, and are willing to offer the company liberal terms for the connection.

The Provincial Government have directed their Engineer to examine the work on the Grand Southern Railway, some twenty-eight miles of which are ready for the sleepers.

The track layers on the Ohio Central Railway have reached a point three miles north of Bremen. The work is being pushed vigorously.

Texas and Pacific Railway.

We gave last week an abstract of the report of this company for the fiscal year ending May 31, 1876. The following extract from the same report relates to the Land Department of the road:

Your company had earned up to the 31st of May, under its grants from the State of Texas, twenty certificates of 640 acres each per mile, on 291.3 miles of road, including the extension from Brookston to Paris, or 5,826 certificates in all, aggregating 3,728,640 acres of land. It had also acquired, from other sources, 288 certificates for 185,040 acres of land, making a total of 6,112 certificates, aggregating 3,911,680 acres earned to date.

Of these earned certificates, 4,792 have been already withdrawn from the State land office, and the remaining 1,320 will be issued at any time, upon proper application and payment of the usual fee of four dollars each.

DISPOSITION OF CERTIFICATES.

4,478 certificates have been applied to lands surveyed, 814 certificates are on hand unlocated,

making 4,792 certificates for 3,066,380 acres received from the State; leaving 1,320 certificates for 844,800 acres due from the State.

Total, 6,112 certificates for 3,911,680 acres owned by the company.

One thousand of these certificates have been assigned to the Fidelity Insurance Trust and Safe Deposit Company, Philadelphia, in trust, pending a final adjustment with the Receiver and the Trustees of the Memphis and El Paso Railway Company bondholders, under an agreement heretofore authorized; and 848 patents, for 542,917.37 acres of land covered by these certificates within the 16 mile Memphis and El Paso reservation, have been issued by the State in the name of that company.

The expenditures of the Land Department up to the 31st of May have been as follows:

	Total since	For the year, organization.
Cost of surveying and locating	\$24,762 29	\$113,066 55
Cost of certificates, patents, office fees and other expenditures at, and incidental to the State Land Office ...	9,614 32	25,506 26
General expenses, including salaries, clerk hire, stationery, cost of preparing maps, etc.	8,181 41	27,845 78
Total expenditures ..	\$42,511 02	\$166,407 59

At the commencement of the fiscal year, all of the unappropriated lands east of the Colorado river and within the limits of the reservation of the company had been surveyed, the Colorado river being about 202 miles west from Fort Worth.

During the past year, our surveys have been extended from the Colorado River to the Pecos, a distance of 230 miles additional, or to a point 432 miles west from Fort Worth; and by these surveys your company has been able to acquire title to all the unappropriated lands, of a desirable quality, within the land reservations of the company east of the Pecos river.

The quantity of land already located between the Colorado and Pecos rivers is 1,900 sections, or 1,216,000 acres, and this will be increased by the selection of scattered tracts of desirable lands, to say 2,600 sections, or 1,660,000 acres in all; the necessary surveys having been made to enable the company to acquire title to all of the 2,600 sections mentioned.

This work of location and survey has been done by organized parties in the employ of the company, instead of by contract, as heretofore, and has cost something less than nine dollars per section, which

is less than one-half the price paid by the company for similar work, not nearly so well done, under contract.

These 2,600 sections are a class of lands that will become saleable for agricultural purposes, whenever railroads are extended into that section of the country; and they are as desirable now, as any of the unappropriated public domain of the State; as they have all been selected, either on account of availability for agricultural purposes, or for timber or wood.

COAL.

Valuable deposits of coal exist, and have been used for blacksmith purposes as well as for fuel, on or near the line of your road in Parker county; one vein that has been considerably worked, shows to be about four feet thick, and has proved to be genuine coal of good quality, that does not slack or exposure to the weather, and is free from sulphur. Another vein of about the same thickness and believed to be of as good quality, is on Rock creek, near the west line of Parker county; and many outcroppings of coal are found along the Brazos river, particularly on the Clear Fork of the Brazos, and extend generally all the way from Weatherford to Fort Belknap; several that are near Fort Belknap, having been worked for a considerable time, to supply the garrison and for neighborhood purposes. Indications of coal have also been found as far west as Hubbard's creek, in Shackelford county; but in no case have these veins been opened and worked sufficiently to enable any one to form a correct opinion as to the quality and quantity of the coal. Enough is known to prove conclusively that the extension of your road from sixty to eighty miles west from Fort Worth, will open up a very large coal traffic, to all points in the prairie country, on the line of your road, and on its connecting lines.

By the recent completion of your lower line to Fort Worth, and the upper line between Paris and Texarkana, there have been earned certificates for about a million and a-half acres additional of land, all of which we hope to have located and surveyed during the current year; and this will give the company about 5,400,000 acres of land in all, less, say 600,000 acres held in reserve under the agreements, for exchange with Memphis and El Paso bonds.

It has not been thought advisable to bring your lands into market, until all shall have been surveyed and located; and until a selection has been made of the lands to be reserved within the 16 mile Memphis and El Paso reservation, under the agreements for their exchange for bonds. This location and selection will it is believed, soon be effected, so that your lands can be brought into the market for sale; meanwhile there is a large immigration going into the State, and locating along your projected line in advance of its construction, that will soon take up all the valuable unoccupied State lands, leaving those your company has located in the vicinity of its 432 miles of line to the Pecos river, to be taken up as your road is pushed westward.

It is proper to state that the larger part of the available lands of the company lie west of the one hundredth meridian, only about 258,000 acres east of that point, can at the present time be offered for sale.

Cotton Manufacture in the South.

The Atlantic (Ga.) Constitution publishes a statement of the cotton manufacturing industry of the southern states in 1875 which shows a gratifying gain in the number of spindles. The number of mills in the Southern States, exclusive of Maryland, is shown to be 181; number of spindles, 481,821; bales of cotton used, 145,079. Georgia takes the lead with 47 mills and 181,840 spindles. In 1869, the total number of spindles in Southern mills was 225,082; and in 1870 they had increased to 262,821. In 1875, as the above figures show, the number of spindles had advanced

to 481,821, having nearly doubled in five years. Ground has just been broken for a third mill by the Eagle and Phoenix Manufacturing Company, at Augusta, which when completed, will be the largest in the South, and will set Georgia forward to the eighth place in the number of spindles now occupied by New Jersey. The Constitution felicitates itself that these figures show conclusively that cotton manufacturing in the South is on a firm and enduring basis.

The Coal Trade.

The coal tonnage for the week ending the 9th instant, as reported by all the companies, amounted to 397,777 tons, against 588,068 tons in corresponding week last year, a decrease of 185,891 tons. The total amount of anthracite mined for the year is 11,082,947 tons, against 12,911,215 for same period last year, a decrease of 1,828,268 tons. The quantity of bituminous coal sent to market for the week was 81,396 tons, against 77,637 tons for corresponding week last year, a decrease of 3,759 tons. The whole bituminous tonnage from the beginning of the coal year is 2,424,874 tons, against 2,532,181 tons in corresponding time last year, a decrease of 107,307 tons. The total tonnage of all kinds of coal for the week is 479,173 tons, against 661,305 to corresponding date last year, a decrease of 182,132 tons, and the total tonnage for the coal year is 13,507,721 tons, against 15,448,896 tons to same date last year, a decrease of 1,936,875 tons. The quantity of coal and coke carried over the Pennsylvania Railroad during the last three days in August was 50,477 tons, of which 42,279 tons were coal and 8,198 tons coke. The total carried this year is 2,905,807 tons, of which 2,856,461 were coal and 49,346 coke. This total embraces all the coal carried over the road, east and west. The total of coal received from the Lehigh Valley Railroad at Port Amboy for the week ending on the 9th instant was 17,686 tons, the amount shipped thence amounting to 11,131 tons, leaving 73,745 tons on hand.—*Phila. Ledger, Sept. 18.*

The Portland, Dallas and Salt Lake Railroad Company has been re-incorporated under the name of the Portland, Salt Lake and South Pass Railroad Company, with W. W. Chapman as president. At a meeting of the incorporators, held at Portland, Oregon, on the 9th inst., it was ordered that books be opened at suitable places for subscriptions to the capital stock of the company, of \$20,000,000, in shares of \$100 each; that the capital stock be apportioned, as far as practicable consistent with early organization, one-half west of the Cascade mountains and the other half east of them; and that there be apportioned to each of the counties of Wasco, Umatilla, Grant, Union and Baker an equal amount of stock, and that books be opened in those counties as early as practicable.

A trial trip with the purpose of burning coal dirt in locomotives has been made by the Philadelphia and Reading railroad with the most satisfactory results. The quantity carried is larger, the fire hotter, the work of the firemen lighter, the steam more regular, and the speed nearly twice as fast as schedule time. This will utilize millions of dollars worth of fuel heretofore considered valueless.

The Sacramento Record-Union notices the arrival at that place of three narrow gauge locomotives, one being for the Santa Cruz Railroad Company and the others for the San Luis Obispo and Santa Maria Valley Railroad Company. They were all from the Baldwin Works, Philadelphia.

exidos M 3 9v

Showing the amount of Stock Outstanding, the Dividend Periods and the date of last Dividend

Marked thus (*) are leased roads	Stock out-standing	Dividend Periods	Dividend Payable	Marked thus (*) are leased roads	Stock out-standing	Dividend Periods	Dividend Payable	Marked thus (*) are leased roads	Stock out-standing	Dividend Periods	Dividend Payable			
Albany and Susq.	100	13,500,000	J. & J.	July '75	Little Miami	50	5,271,450	quarterly	Sept. '75	Vermont and Mass.	100	1,200,000	A. & O.	Apr. '75
Atlantic and West Point	100	1,233,290	J. & J.	July '75	Little Schuylkill	50	2,444,100	J. & J.	July '75	Warren (N. J.)	100	1,200,000	A. & O.	Apr. '75
Atlantic and Gulf	100	1,093,200	M. & N.	Sept. '75	Long Island	50	1,000,000	M. & N.	July '75	Warwick Valley	100	1,200,000	A. & O.	Apr. '75
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75	Westchester & Phil. pref.	100	821,300	J. & J.	July '75
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75	West Jersey	100	1,200,000	F. & A.	Feb. '75
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75	Winchester & Potomac	100	180,000	J. & J.	July '75
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75	Winchester & Strasburg	100	500,000	J. & J.	July '75
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75	Worcester and Nashua	75	1,100,000	J. & J.	July '75
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75	Louisv., Cin. and Lex.	50	1,022,483	J. & J.	July '75					
Atlantic and St. Lawrence	100	1,000,000	M. & N.	Sept. '75										

From testimonials received by the Hobdell Car Wheel Company, of Wilmington, Delaware, its wheels are shown to have run, without cessation of service, fourteen years; while on the Erie Road, they have been running over twenty years without removal. The Machinery (H 66) are two wheels, concerning which it is stated that they have run under an engine on the Camden and Atlantic Railroad, 56,666 miles, without turning off; and that they will be used again when the Exhibition closes.

It is definitely stated that Sanderson, Bros. & Co., large manufacturers of steel in Sheffield, Eng., have completed negotiations for the establishment of a branch steel manufactory in Syracuse, N. Y. They have purchased the old "Sweet Works" which are now being enlarged and fitted for the new business. Apparatus, methods and labor will be imported from England.

The Montclair and Greenwood Lake Railroad Company has decided to rebuild the Passaic River Bridge of stone and iron, at a cost of \$20,000, to correspond with the new draw. The work will be done at once.

The total coal tonnage of the Columbus and Hooking Valley Railroad for the month of August, was 57,708 tons, or 1,442,700 bushels. The gross earnings for the month from all sources was \$87,977.37.

Two of the ten Bessemer Steel Works in the United States are located in Chicago, and these made 85,000 tons of the 291,000 tons of Bessemer Steel rails manufactured in the country last year.

Mr. J. J. Rutherford, of Columbus, Ohio, has been awarded the contract for laying the iron the whole length of the Cincinnati and Portsmouth railroad.

The Pennsylvania Steel Company at Baldwin, has a contract for 1,000 tons of rails for the Atlantic, Mississippi and Ohio Railroad.

MACHINERY.

FOR SALE—100 HORSE LOCOMOTIVE BOILER; 15 horse Wood & Mann; 10 horse Ames Portable Engines; 12 20, 30, 50, 60 and 100 horse Stationary Engines; two Blake's Crushers, 15x9; two Steam Hammers, complete set Forge Tools, for car axles and heavy forgings. GEO. M. CLAPP, 206 Broadway.

ALLIS, BULLARD & CO., Limited, Railway and Machine Supplies.

Machinery and Metals.

Specialty Made of Second Hand Iron Working Machinery.

14 DEY STREET, NEW YORK.

BOGARDUS' PATENT UNIVERSAL ECCENTRIC MILLS—For grinding Bones, Ores, Sand, Old Crucibles, Fire Clay, Guano, Oil Cake, Feed, Corn, and Cobs; Tobacco, Snuff, Sugar, Salts, Roots, Spices, Coffee, Coconut, Flaxseed, Asbestos, Mica, etc., and whatever cannot be ground by other mills. Also for Paints, Printers' Inks, Paste Blacking, etc. JOHN W. THOMSON, successor to JAMES BOGARDUS, corner of White and Elm sts., New York.

Knox & Shain.

MANUFACTURERS of Engineering and Telegraphic Instruments, 718 Chestnut St., Phila. (Two premiums awarded.)

PATENTS.
T. D. STETSON,
Solicitor of American and Foreign Patents.
23 Murray Street, New York.
(Near New Post Office)
Examinations free. Send for circular.

RICHARD DUDGEON,
No. 24 Columbia St., New York.
Maker and Patentee of



HYDRAULIC JACKS
and
PUNCHES,
Roller Tube Expanders
and Direct Acting
STEAM HAMMERS.
Communications by
letter will receive
prompt attention.
Jacks for Pressing
on Car Wheels or
Crank Pins.
MADE TO ORDER.

FAIRBANKS' SCALES



THE STANDARD.

E. E. TRACK, HAY, COAL SCALES.

SCALES

For Miner's Use,

Stores, Mills, Wharves,

Elevators and Grain Warehouses.

Also, Miles' Alarm Cash Drawer.

Store Trucks, Baggage Barrows. — All Sizes.

Coffee and Drug Mills, Letter Presses, &c., &c.

PRINCIPAL SCALE WAREHOUSES.

FAIRBANKS & CO., 311 Broadway, N. Y.

FAIRBANKS & CO., 166 Baltimore St., Baltimore, Md.

FAIRBANKS & CO., 55 Camp Street, New Orleans.

FAIRBANKS & CO., 216 Main Street, Buffalo, N. Y.

FAIRBANKS & CO., 328 Broadway, Albany, N. Y.

FAIRBANKS & CO., 403 St. Paul's Street, Montreal.

FAIRBANKS & CO., 34 King William St., London, Eng.

FAIRBANKS, BROWN & CO., 2 Milk St., Boston, Mass.

FAIRBANKS & EWING, Masonic Hall, Phila., Pa.

FAIRBANKS, MORSE & CO., 111 Lake St., Chicago.

FAIRBANKS, MORSE & CO., 139 Walnut St., Cin., O.

FAIRBANKS, MORSE & CO., 182 Superior St., Cleveland, O.

FAIRBANKS, MORSE & CO., 48 Wood St., Pittsburgh.

FAIRBANKS, MORSE & CO., 5th & Main St., Louisville.

FAIRBANKS & CO., 362 & 304 Washington Av., St. Louis.

FAIRBANKS & HUTCHINSON, San Francisco, Cal.

MANUFACTURERS.

E. & T. Fairbanks & Co.,
ST. JOHNSBURY, VT.
For sale by leading Hardware Dealers.

THE ROGERS
Locomotive & Machine
WORKS,

PATERSON, N. J.,

HAVING extensive facilities, are now prepared to furnish promptly of the best and most approved description, either

COAL OR WOOD BURNING

LOCOMOTIVE ENGINES,

AND OTHER VARIETIES OF

RAILROAD MACHINERY.

J. S. ROGERS, Pres., Paterson, N. J.

R. S. HUGHES, Secy., Paterson, N. J.

WM. S. HUDSON, Supt., Paterson, N. J.

THOMAS ROGERS, Treasurer,

44 Exchange Place, New York.

FINANCIAL

ALEX. FROTHINGHAM & CO., BANKERS AND

Brokers, No. 12 Wall st., make for customers desirable investments of large or small amounts in stocks of a legitimate character, which frequently pay from five to twenty times the amount invested every thirty days.

Reliable stock privileges negotiated at favorable rates. Stocks bought and carried as long as desired on deposit of three to five per cent. Circulars and weekly reports sent free.

1y23*

YORK CAR WORKS.

ESTABLISHED IN 1852.

Billmeyer & Smalls,

YORK, PENN.

This old established firm continues to build all kinds of Freight Cars to order.

Narrow Gauge Freight and Passenger Cars

having received their special attention, they are prepared to receive orders and to deliver promptly.

Circulars sent on application.

PUMPS.

James Clayton,

MANUFACTURER OF

Fly-Wheel and Direct Acting Steam Pumps, Air

Pumps, Vacuum Pumps,

Air Compressor Pumps, etc.,

14 and 16 Water St., (Near Fulton Ferry)

BROOKLYN, N. Y.

A. WHITNEY & SONS,

CAR WHEEL WORKS,

Callowhill and Sixteenth Sts.,

PHILADELPHIA, PENN.

FURNISH CHILLED WHEELS for Cars, Trucks and Tenders. CHILLED DRIVING WHEELS and TIRES for Locomotives. BOLLED and HAMMERED AXLES.

WHEELS and AXLES FITTED COMPLETE.

90

Rawlin's Metallic Paint.

The Cheapest, Best, Most Durable, Most Fire, Water and Weather Proof paint made. Used by the Pacific Mail Steamship Co., and Union Pacific R. R. Co.

Address all Orders

Rawlins Metallic Paint Co.,

Rawlins, Wyoming Territory.

C. F. Goodman, Omaha, Neb.

John Alston & Co.,

179 and 181 Randolph St.,

Chicago, Ill.

THE PHOENIX IRON CO.,
410 Walnut St., Philadelphia.
MANUFACTURERS OF
CURVED, STRAIGHT AND RIPPED

Wrought Iron Roof Trusses

BEAMS, GIRDERS and JOISTS,
and all kinds of Iron Framing used in the construction of
iron roof buildings.

**DECK BEAMS, CHANNEL, ANGLE
AND T BARS**

curved to template, largely used in the construction of
Iron Vessels.

**Patent Wrought Iron Columns,
Weldless Eye Bars,**

for top and bottom chords of bridges,
Railroad Iron, Street Rails, Rail Joints
and Wrought Iron Chairs.

Refined Bar, Sheeting, and every variety of Shipping Iron
Made to Order.

Plans and Specifications furnished. Address
SAMUEL J. REEVES, President.

ESTABLISHED 1831.

**MORRIS, TASKER & CO., Limited,
PASCAL IRON WORKS,
PHILADELPHIA.**

**DELAWARE IRON CO.,
NEW CASTLE, DELAWARE.**

Office 209 SOUTH THIRD Street, Philadelphia.
Office and Warehouse, No. 15 GOLD St., New York.
Office and Warehouse, No. 26 OLIVER St., Boston.
Manufacturers of Wrought Iron Welded Tubes, plain,
galvanized and rubber coated, for gas, steam and water.
Lap-Welded Charcoal Iron Boiler Tubes.
Oil Well Tubing and Casing.
Gas and Steam Fittings, Brass Valves and Cocks.
Gas and Steam Fitters' Tools.
Cast Iron Gas and Water Pipe.
Street Lamp Posts and Lanterns.
Improved Coal Gas Apparatus.
Improved Sugar Machinery, &c.

We would call special attention to our
Patent Vulcanized Rubber-coated
Tube.

**Jersey City Steel Works.
JAS. R. THOMPSON & CO.,**
MANUFACTURERS OF

HAMMERED AND ROLLED

CAST STEEL,

OF ALL DESCRIPTIONS,

Warren Street, Jersey City, N. J.

Tool, Drill, Frog Plates and Points, Cutlery, Rake, Axe,
Hoe, Machinery, Spring Wagon-Axle, Tyre, Sword, Bayo-
net, Rifle, and Pistol, made to order.

Jas. R. Thompson,

J. H. GAUTIER,
D. G. C.

B. ILLINGSWORTH,
H. DICKINSON.

For Railroad Purposes.

STEEL STAMPS, LETTERS AND FIGURES,

of every description, and for all purposes. Made by

RICHARD H. ROGERS,

Die Sinker and Letter Cuts.

No. 50 Fulton Street, New York.

Name Punches, Alphabets, Figures, and every variety
of Steel Stamp Work for

RAILROAD PURPOSES

Established 25 years. Orders and inquiries by mail
promptly answered.

ESTABLISHED 1832
**C. EDWARD HECHT,
LEHICTON PAINT WORKS,**

LEADS, ZINCS, COLORS, VARNISHES, DRYERS and PAINTS, Ready Mixed.
ALL COLORS BY THE GALLON.

BALDWIN LOCOMOTIVE WORKS.



BURNHAM, PARRY, WILLIAMS & CO., Philadelphia.

LOCOMOTIVE ENGINES,

Especially adapted to every variety of Railroad use.
All Work Accurately Fitted to Gauges, and Thoroughly Interchangeable. Plans, Materials, Work-
manship, Finish, and Efficiency Fully Guaranteed.

WM. P. CONVERSE & CO.,
54 Pine St., New York Agents.

BURNHAM, PARRY, WILLIAMS & CO.,
Philadelphia.

CAST-STEEL WORKS

FRIED. KRUPP,

ESSEN, GERMANY. LOCOMOTIVES,

TIRES, AXLES, WHEELS, &c.

SPRING, TOOL & ROLL STEEL.

Represented by

THOS. PROSSER & SON,

15 Gold St., New York.

RAILROAD IRON

THE undersigned, agents for the manufacturers, are pre-
pared to contract to deliver best quality American
or Welsh, Steel or Iron Rails, and of any required
weight and pattern.

PERKINS, LIVINGSTON, POST & CO.,
23 Nassau Street,
NEW YORK.

RIEHLE BROS

**SCALES
AND
TESTING
MACHINES**

Office and Works, 27th St., above Master, Philadelphia.
Warehouses, 50 and 62 So. 4th St. above Chestnut, Phila.
New York Store, 23 Liberty St.
Pittsburg Store, 43 Smithfield St.
Scales for Railroads, Elevators and Wharves.
Scales for Furnaces, Rolling Mills, Mines, etc.
Testing Machines adopted by U. S. Government
Send for Illustrated Price List.

**THE
TAUNTON LOCOMOTIVE
MANUFACTURING COMPANY,
TAUNTON, MASS.,**

HAVING large facilities, and having had a long expe-
rience in the business, are prepared to furnish
LOCOMOTIVES,
EITHER FOR BURNING WOOD OR COAL,
OF THE MOST APPROVED CONSTRUCTION.

ALSO ALL KINDS OF
RAILROAD MACHINERY,
STATIONARY ENGINES AND BOILERS,
SUGAR MILLS, SHAFTING, ETC.

HARRISON TWEED,
Agent and Treasurer.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.

P. I. PERRIN, Sup't.



ALBERT BRIDGES,

MANUFACTURER AND DEALER IN
Railway and Mining Supplies and Machinery

No. 46 CORTLANDT STREET,
P. O. Box, 2842.
New York.

ABSOLUTE SAFETY CAMMELL'S CAST STEEL.

SEA!

LIFE SAVING SUITS

FOR

Ocean Travel.

The Continuous Disasters at Sea

and the almost countless lives that have been lost, urge the introduction of more effective appliances for saving life than have yet been generally adopted. In response to the great public demand, the American Life Saving Suit Company now presents a

Practical Life-Saving Suit.

This suit having been tested and approved by the most scientific and practical authorities, we now offer as a means of absolute safety from death by drowning. The invention now offered claims its superiority over all similar inventions, in that it floats the body in a vertical position in the roughest sea, preserves the natural calorific of the body for any number of days, with capacity for carrying provisions for ten days; and signals to attract attention from passing vessels.

This suit embodies three principles, which are imperative in a life-saving dress:

First—A buoyancy which supports the body in a vertical position, and maintains it as from a natural law.

Second—Protection from water and weather, and consequent chill.

Third—A commissariat department, to which is attached signals, with capacity for carrying valuables, etc., etc.

This suit is put on over ordinary clothing except shoes and hat, and can be put on inside of five minutes, and is let to passengers on transatlantic steamers at the low price of FIVE DOLLARS A TRIP.

"This life-dress is one of the most valuable inventions—perhaps the most valuable—to be found anywhere. It is an absolute preserver of life in the event of wreck or fire or any form of sea accident, by which the vessel is destroyed. Had the Schiller, or any of the lost fleets of past years, been amply provided with these suits, no one life—except, perhaps, some infant's—need have been lost. Scarcely one of all the ships which in the past have sailed silently away and have never afterwards furling their sails and come to the shore again, would have gone down unstoried, with no survivor left to tell the dismal tale of collision, of ice-pack, of breakers, of hidden rock, of fire, or of destructive gale, had each and all borne these suits as a part of the outfit. With the history of the past strewn with wrecks of precious freighted ships, who shall say that any device which robs shipwreck of its chief terrors, is not one of vast importance and priceless value?"

This Company also own THE BEST LIFE PRESERVER IN THE WORLD—can be adjusted in one second. It can be carried in the pocket. No person traveling either on the lakes, or river steamers, should be without one.

Call and see both the above, or send for pamphlet.

THE AMERICAN LIFE-SAVING SUIT CO.,

No. 14 New Church St. (Near Dey),

NEW YORK.



ROLLED AT JERSEY CITY } New York
BY } AND
W. BAILEY LANG & CO. } Boston.

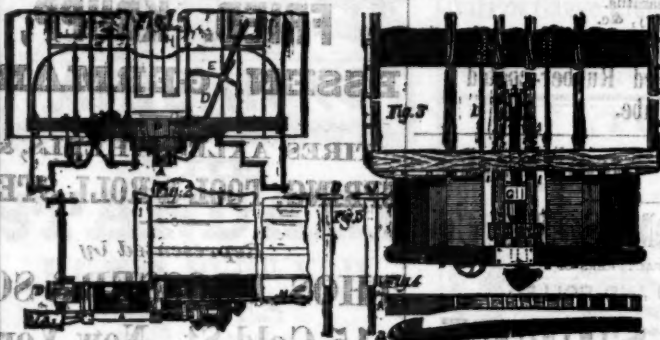
CORYDON WINCH,

Manufacturer of RAILROAD, SHIP, BOAT & DOCK SPIKES.



Rolling Mill and Factory, Canal Street, near Second and Laurel, Philadelphia.

MILLER'S TRUSSED PLATFORMS,

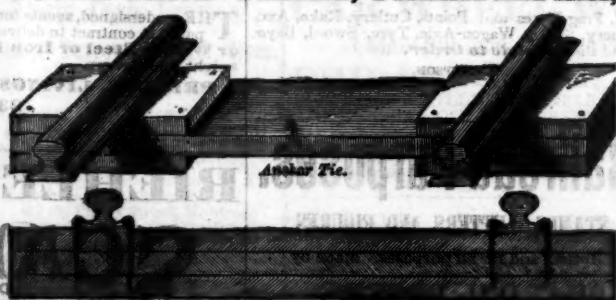


COMPRESSION
BUFFERS,
AND
Automatic Couplers,
FOR
RAILROAD
PASSENGER CARS.
OFFICE,
6 PARK PLACE,
NEW YORK.

Send for Illustrated Pamphlet,
and call and see working Models.
E. MILLER, Patentee.

TRIPLER RAILROAD CROSS TIE COMPANY,

235 SOUTH THIRD STREET, PHILADELPHIA, PA.



These ties are now offered to the Railroad public with the assurance that they will meet the growing want of an improvement in this branch of Railroad industry. The Tripler Tie has had three years' severe test on one of the principal roads of this State, and has more than come up to the expectation of the inventor.

These ties are steam cured and made indestructible by antiseptic compounds. They possess elasticity, durability, even surface, uniform size; can be repaired when worn by the rail; less strain on rolling stock.

The Tripler Railroad Cross Tie Company are now prepared to furnish Railroads with any quantity for immediate delivery or for the ensuing year.

Some of the ties which have been in use three years are now in the office of the company for inspection.

For further particulars, testimonials, etc., apply to

A. B. TRIPLER, Agent, 235 S. Third Street.

N. B.—Those Roads wishing to adopt this Tie, situated at a distance from the factory, the T. R. C. T. Co. are prepared to put up work as near as possible to the line of the road, thus saving the cost of transportation.